

1692.

Apollo Anglicanus,
THE
ENGLISH APOLLO;
Assisting

All Persons in the Right Understand-
ing of this Years Revolution, as also of
things past, present, and to come.

With necessary Tables plain and useful.
A twofold Kalendar, viz. *Julian* or *English*,
Gregorian or *Foreign* Computations, more plain and
full than any other, with the Rising and Set-
ting of the Sun, the nightly Rising and Setting of the
Moon, and also her Southing, Exactly calculated
for every day. Of general use for most men.

Being *Bissextile* or *Leap-Year*.

To which is added the Moons application to the
fixed Stars: With the Calculation of the Eclipses: also
Rules and Tables for the measuring of Timber: with many
other things both pleasant, useful and necessary.

Calculated according to Art, and fitted to the Meri-
dian of *Leicester*, whose Latitude is 52 Degrees, 41 Mi-
nutes. Exactly fitting all the middle Counties of *England*,
and without sensible Error the whole Kingdom.

By RICHARD SAUNDER;
Student in the Physical and Mathematical Sciences.

LONDON: Printed by M. CLARK, for
the Company of STATIONERS. 1692.

The Julian or old Account used in Engl.
1692.
The Gregorian or New Style used beyond Sea.

	2	The Golden Number.		2
☾	23	The Dominical Letters	☿	☾
	22	The Epact.		12
February	7	Shrove-Sunday.	February	17
May	5	Ascension-Day.	May	1
May	15	Whit-Sunday.	May	25
November	27	Advent-Sunday.	November	30

A Table of the four Terms, and their Returns, &c.

Hilary-Term begins January 23. ends February 12.

<i>Essoin-days.</i>		<i>Except.</i>	<i>Ret. Brev.</i>	<i>Appear.</i>
Octab. Hillar. Jan.	20	January 21	Jan. 22	Jan. 23
Quind. Hillar. Jan.	27	January 28	Jan. 29	Jan. 30
Craftin. Purif. Feb.	3	February 4	Febr. 5	Febr. 6
Octab. Purif. Feb.	9	February 10	Febr. 11	Febr. 12

Easter Term begins Apr. 13. ends May 9.

Quind. Pasch. Apr. 11	Apr. 12	Apr. 12	Apr. 13
Tres Pasch. Apr. 18	Apr. 19	Apr. 19	Apr. 20
Menf. Pasch. Apr. 25	Apr. 26	Apr. 26	Apr. 27
Quinq. Pasch. May 2	May 3	May 3	May 4
Craft, Ascens. May 6	May 7	May 7	May 9

Trinity Term begins May 27. ends June 15.

Craft. Trin. May 23	May 24	May 25	May 27
Octab. Trin. May 30	May 13	May 31	June 1
Quind. Trin. June 6	June 7	June 7	June 8
Tres Trin. June 13	June 14	June 14	June 15

Michaelmas Term begins Octob. 24. ends Novemb. 28.

Tres Mich. Octob. 20	Octob. 21	Octob. 22	October 24
Quind. Mich. Octob. 27	Octob. 28	Octob. 29	October 31
Craft. Anim. Nov. 3	Novemb. 4	Novemb. 5	Novemb. 7
Craft. Mart. Nov. 12	Novemb. 14	Novemb. 14	Novemb. 15
Octab. Mart. Nov. 18	Novemb. 19	Novemb. 19	Novemb. 21
Quind. Mart. Nov. 25	Novemb. 26	Novemb. 26	Novemb. 28

A Table of the KINGS and QUEENS

Kings and Queens names.	Born ABBO	Began to reign.	Reigned Since their Reigns		Buried
			Y.	M.	
William	1 1029	1066, Oct. 14	20	11	605, Septem. 9 Can N
William	2 1056	1087, Sep. 9	12	11	594, August 2 Winche
Henry	1 1068	1100, Aug. 2	35	4	557, Decem. 1 Reding
Stephen	1 1105	1135, Dec. 1	18	11	538, Octob. 12 Feverh

The Saxon Line restor'd.

Henry	2 1132	1154, Oct. 12	35	9	503, July 6 Fountev
Richard	1 1155	1189, July 6	9	9	191, April 6 Fountev
John	1 1155	1199, April 6	17	6	176, Octob. 19 Worcest
Henry	3 1207	1216, Oct. 19	56	1	120, Nov. 16 Westmin
Edward	1 1239	1272, No. 16	34	8	385, July 7 Westmin
Edward	2 1283	1307, July 7	19	6	366, Jan. 25 Glocester
Edward	3 1312	1326, Jan. 25	51	5	315, June 21 Westmin
Richard	2 1366	1377, Jun. 21	22	3	293, Sept. 29 Westmin

The Line of Lancaster.

Henry	1 1367	1399, Sep. 29	13	6	279, Mar. 20 Canterb
Henry	5 1381	1412, Mar. 20	9	5	270, Aug. 31 Westmin
Henry	6 1421	1422, Aug. 31	38	6	232, Mar. 4 Windsor

The Line of York.

Edward	4 1442	1460, Mar. 4	23	1	209, April 9 Winchester
Edward	5 1471	1483, Apr. 9	0	1	209, June 18 Not kno.
Richard	3 1448	1483, Jun. 18	2	2	207, Aug. 22 Leicest.

The Families United.

Henry	7 1455	1455, Aug. 22	23	8	183, April 22 Westmin.
Henry	8 1491	1509, Apr. 22	37	10	145, Jan. 28 Windsor
Edward	6 1537	1547, Jan. 28	6	5	139, Jun. 6 Westmin.
Qu. Mary	1518	1553, Jun. 6	5	4	134, Nov. 17 Westmin.
Qu. Elizab.	1533	1558, No. 17	44	4	89, March 24 Westmin.

The Union of the two Kingdoms.

James	1 1566	1602, Ma. 24	22	0	67, March 27 Westmin
Charles	1 1600	1625, Ma. 27	23	11	43, Janu. 30 Windsor
Charles	2 1630	1648, Jan. 30	36	0	7, Februar. 6 Westmin.
James	2 1633	1684, Feb. 6	4	0	3
William & Mary	2 1650 1 1662	1688, Feb. 13	Whom God grant long to live.		

You here may see a Race of Monarchs great,
Each for a time did fill the Royal Seat,
Then left the Throne: You see it fill'd again;
Pray God that these long time o'ers may reign;
Their Subjects multiply, their Foes decrease,
Their Kingdoms have Prosperity and Peace. *Omnis potestas à Deo*

Table shewing the true hour and minute of the
Moons coming to the South every day the first
six Months of this Year, 1692.

	Jan.	Febr.	March	April	May	June
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	6M. 8	7M. 25	7M. 4	8M. 22	8M. 30	9M. 14
2	7 0	8 15	7 54	9 4	9 12	10 4
3	7 51	9 7	8 44	9 46	9 54	10 56
4	8 40	9 56	9 32	10 28	10 38	11 50
5	9 31	10 42	10 17	11 10	11 24	12 48
6	10 22	11 28	11 0	11 53	12 14	1A. 46
7	11 14	12 12	11 42	12 39	1A. 6	2 42
8	12 7	12 55	12 22	1A. 26	2 2	3 37
9	12 56	1A. 37	1A. 4	2 18	3 0	4 28
10	1A. 38	2 17	1 48	3 11	3 56	5 18
11	2 19	3 0	2 36	4 5	4 50	6 8
12	3 0	3 45	3 26	5 1	5 44	6 58
13	3 40	4 30	4 17	5 56	6 36	7 48
14	4 20	5 18	5 10	6 52	7 28	8 38
15	5 0	6 11	6 4	7 48	8 18	9 32
16	5 42	7 8	7 0	8 42	9 6	10 27
17	6 30	8 6	8 0	9 36	10 0	11 23
18	7 22	9 4	8 56	10 30	10 56	12 19
19	8 18	10 4	9 52	11 22	11 52	CM. 19
20	9 22	11 2	10 46	12 14	12 48	1 12
21	10 24	12 0	11 40	OM. 14	OM. 48	2 2
22	11 24	OM. 0	12 34	1 10	1 42	2 50
23	12 23	0 55	OM. 34	2 6	2 34	3 32
24	OM. 23	1 48	1 30	3 4	3 26	4 12
25	1 20	2 41	2 26	4 0	4 15	4 52
26	2 13	3 34	3 22	4 52	5 0	5 32
27	3 0	4 27	4 16	5 46	5 42	6 15
28	3 56	5 20	5 10	6 24	6 24	7 0
29	4 48	6 12	6 0	7 8	7 6	7 47
30	5 38		6 50	7 50	7 46	8 36
31	6 30		7 40		8 28	

The Moons Southing for every day of the last
Six Months of this Year 1692.

Days.	July	August	Septemb.	October	Novemb.	Decemb.
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	9M.32	11M. 6	12 43	1A.19	2A.54	3A.14
2	10 30	12 5	1A.35	2 14	3 50	4 0
3	11 28	1A. 0	2 30	3 12	4 44	4 44
4	12 25	1 55	3 25	4 11	5 35	5 28
5	1A.20	2 48	4 20	5 7	6 20	6 10
6	2 14	3 39	5 15	6 3	7 3	6 50
7	3 8	4 30	6 11	6 52	7 44	7 30
8	4 1	5 24	7 6	7 40	8 24	8 12
9	4 52	6 18	8 0	8 25	9 4	8 56
10	5 43	7 13	8 48	9 7	9 46	9 44
11	6 34	8 7	9 37	9 48	10 30	10 35
12	7 26	9 1	10 17	10 29	11 15	11 28
13	8 18	9 52	11 0	11 10	12 3	12 23
14	9 12	10 40	11 40	11 52	0M. 3	0M.23
15	10 8	11 26	12 21	12 35	0 55	1 18
16	11 0	12 9	0M.21	0M.35	1 50	2 12
17	11 50	0M. 9	1 2	1 22	2 45	3 6
18	12 38	0 50	1 47	2 12	3 38	4 0
19	0M.38	1 30	2 32	3 4	4 30	4 48
20	1 24	2 13	3 18	4 0	5 22	5 34
21	2 7	2 56	4 9	4 54	6 13	6 22
22	2 48	3 40	5 2	5 48	7 3	7 14
23	3 28	4 24	5 56	6 40	7 54	8 7
24	4 8	5 12	6 52	7 32	8 44	9 3
25	4 52	6 5	7 48	8 24	9 36	10 0
26	5 36	7 2	8 44	9 18	10 32	11 0
27	6 20	8 0	9 40	10 12	11 30	11 56
28	7 9	9 0	10 36	11 6	12 30	12 50
29	8 2	9 56	11 30	12 0	1A.28	1A.41
30	9 4	10 54	12 23	1A. 0	2 23	2 27
31	10 6	11 51		1 56		3 10

And the time of High-water in most Coasts of England.

First seek the Moons Southing on the foregoing Table for your day, for then you may conclude it High-water at Southampton, Quinborough, and Portsmouth, for there the South and North Moons make a High-water: But when you desire the time of full Sea in any of the following Coasts in the ensuing Table, find the name of the place, and see how many Hours and Minutes be annexed thereunto in the Column under H. M. which added to the time of the Moons coming to South, gives you the time of High-water for the place required.

A Tide-Table, with the Names of the Havens.

	H.	M.
Rochester, Malden, Aberdeen,	0	45
Gravesend, Romney, Ramkins,	1	30
London, Tinnmouth, Harlepool,	3	0
Friith, Leith, Dunbar, Narbon,	4	30
Newcastle, Falmouth, Humber,	5	15
Lyn, Antwerp, Plymouth, Hull,	6	0
Bristol, Lanion, Foulness,	6	45
Milford, Bridgwater, North-coast,	7	30
Portland, Peterport, Harflew,	8	51
Dover, Tarmouth, Harwich, Dublin,	10	30
Callice, Rye, Winchelsey, Calshot,	11	15

Example.

The 10. of Apr. this Year it is required to know the time of High-water at London: By the Tab. of the Moons Southing, over against the 10. of April, I find the Moon South at 3 Hours 11 Minutes in the Aftern. Then in the preceding Tide-Table against London, I find 3 Hours 0 Minutes, which added to 3 Hours 11 Minutes, makes 6 Hours 11 Minutes, being the time of High-water at London the 10. day of Apr. in the Afternoon. So of any other.

NOTE, That the Tide floweth one point of the Compass more at the New and Full of the Moon, than at the First and Last Quarters: as also the Latitude of the Moon and Winds, may alter it an hour sooner or later.

Directions for the subsequent Diary or Almanack.

IN the first Column to the left hand, on the left-hand Page, you have the Numerical Figures of the days of the Month.

In the second Column you have the week days, and the Dominical Letter.

In the third Column you have the Saints days, and the places of the Planets once a Month; as also the Moons application to the fixed Stars, by which the Asterisms and Constellations may be easily known to an Ingenious eye and understanding.

In the fourth Column the Moons place in the Zodiac every day at noon.

In the fifth Column the Rising and Setting of the Moon, with respect to her Latitude.

In the sixth Column the Mutual Aspects of the Planets, with the general state of the Weather.

In the first Column on the Right-hand Page you have the English Account.

In the second Column you have the Roman Account.

In the third Column the Roman Week days.

In the fourth Column the perfect Roman Kalendar, and Saints days.

In the fifth Column you have Poetical Stories of the fixed Stars and Constellations, shewing the reason why such various Figures are fancied to be placed in Heaven.

The sixth, seventh, and eighth Columns, the utmost to the Right hand, shew you the daily Rising and Setting of the Sun.

On the top of the left hand Page is set the New and Full Moons, with the First and Last Quarters.

On the top of the right hand Page is set the Rising, South-ing and Setting of the Planets.

January hath xxxi. days.

- New Moon the 8 day, at 9 in the morning.
- First quarter the 16 day, at 3 in the afternoon.
- Full Moon the 23 day, at 2 in the afternoon.
- Last quarter the 30 day, at 6 in the morning.

1	a	New-years day	scorp. 0	1	M. 12	☿ ♀ Sharp
2	b	D. n. laux. Aust.	scor. 14	2	36	☿ ☿ Winds
3	c	D. n. Front. m	scorp. 27	4	00	* ☿ ☿ frosty air
4	d	D. n. Antares	sagit. 10	5	15	* ☿ ☿ with
5	e	D. n. dex. hu. Op.	sagit. 23	6	15	♂ ☿ ☿ storms of
6	f	Epiphany	capr. 5	7	€	△ ☿ ☿ △ ☿ ☿
7	g	D. n. Casd. vult.	capr. 17	7	38	snow or sleet are
8	a	D. n. luc. Vultur.	aqua. 0	New	●	expected at the
9	b	Sol in Aquarius	aqua. 12	5	A 30	begin. & after the
10	c	Sun. past Eph.	aqua. 24	6	38	New Moo. foggy
11	d	h 7 12	pisc. 5	7	48	weath. for some
12	e	☿ ☿ 5	pisc. 17	9	2	days, & probably
13	f	Hillary	pisc. 29	10	16	moderate for the
14	g	♂ II 28	aries 11	11	30	season, with dark
15	a	♀ ☿ 22	aries 23	12	40	☿ ☿ ☿ cloudy,
16	b	♀ ☿ 24	taur. 5	1	M: 40	close weather,
17	c	Sun. past Eph.	taur. 18	2	0	♂ ☿ ☿ with
18	d	D. n. Aldebaran	gem. 1	3	18	* ☿ ☿ drizzling
19	e	D. n. Alhaiot	gem. 1	4	34	rain or sleet,
20	f	D. n. dex. hu. Au.	gem. 28	5	40	but about the
21	g	D. n. Castor	canc. 1	5	30	Full Moon
22	a	D. n. Aselli	canc. 28	7	4	△ ☿ ☿
23	b	Term begins	leo 13	Full	●	☾ Eclipsed visib.
24	c	Septuagesima	leo 28	6	A. 6	a sharper air
25	d	Convers. S. Paul	virgo 13	7	36	is expected, and
26	e	D. n. fin. al. Vir.	virgo 28	9	10	at the end of
27	f	D. n. Spic. Virg.	libr. 12	10	40	* ☿ ☿ the
28	g	D. n. Au. Fim. ☿	libr. 27	12	10	☿ ☿ ☿ month
29	a	D. n. laux Aust.	scorp. 10	0	M. 10	cold and stor-
30	b	Ka. Cha. I. Mart.	scorp. 24	1	40	♂ ☿ ☿ my
31	c	Sexagesima	sagit. 7	3	€	weather.

Rising.

Moons Setting.

Moons Rising.

JANUARY. 1692.

Saturn at the beginning riseth betwixt 4 and 5 in the morning, at the end he riseth a little before 3.

Jupiter is South about 6 at night.

Mars is South about 9 at night.

Venus and *Mercury* at the beginning set after the Sun, at the end *Mercury* is combust.

Engliff Accompt.
Forei. Accompt.
Rom. Kalenda.
Rom. Ss. Days.

1	11	D	Hyginus	Having formerly related several antient Stories of the Stars and Constell. with the Poetical Reasons why such various Fig. are plac'd in the Heavens; I shall proceed to interpret some of 'em, and first of Perseus.	1	8	7	3	53
2	12	e	Satyrus		2		5		55
3	13	f	S. part Ep.		3		4		56
4	14	G	Felix		4		2		58
5	15	a	Maurus		5	8	1	3	59
6	16	b	Marcellus		6	7	59	4	1
7	17	c	Anthony		7		58		2
8	18	d	Prisca		8		57		3
9	19	e	Pontian	P erseus, the great Warrior, is call'd (for his excellency) the Son of Jupiter, and also plac'd among the Stars; that is, extoll'd by Mens praises, even to the Stars. It is said that he was in a golden shower, begot upon Danae, Daught. of Arrisus; Danae was kept in a brazen Tower, yet gold both opens the Tower gates, & causes Danae to prostitute her Body to Jupit. Thus we see that no place is so strong to hold out where there is a golden key to open the gates, or a golden ram to batter the walls; wherefore it was said of Philip K. of Macedon, that he subdu'd more Towns with his gold than his sword; the like may be said of	9		55		5
10	20	f	S. part Epip		10		53		7
11	21	G	Agnes		11		52		8
12	22	a	Vincent		12		50		10
13	23	b	Emerent		13		49		11
14	24	c	Timothy		14	7	47	4	13
15	25	d	Conv. S. Paul		15		46		14
16	26	e	Policarp		16		44		16
17	27	f	S. part Epip.		17		43		17
18	28	G	Car. Mag.		18		41		19
19	29	a	Samuel		19		39		21
20	30	b	Adelgund		20	7	38	4	22
21	31	c	Virgilius		21		36		24
22	Feb.	d	Bridget		22		34		26
23	2	e	Purity Mary		23		33		27
24	3	f	Septuages.		24		31		29
25	4	G	Gilbert		25	7	29	4	31
26	5	a	Agatha		26		27		33
27	6	b	Dorothy		27		25		35
28	7	c	Zachary		28		23		37
29	8	d	Salome		29		21		39
30	9	e	Apollon.		30		19		41
31	10	f	Sexagesim.		31	7	17	4	43

February hath xxix. days.

New Moon the 7 day, at 5 in the morning.
 First quarter the 15 day, at 6 in the morning.
 Full Moon the 21 day, at midnight.
 Last quarter the 28 day at 8 at night.

Mon. Day.	Week Da.	Festival & Saints days, with the applicatio. to the noted fix'd stars.	The ☽s place in the zodiack at Noon	The ☽s rising fro. the full to the change, & setting fr. the cha. to the F.	The mutu. Af of the Plan. with the var. const. of air & cha. of wea.
1	u	☾ n. Dex. h. Op.	sagit. 20 4	M. 10	Sharp Winds
2	e	Purificat. Mary	capri. 2 5	4	☐ ☿ ♀ and
3	t	☾ n. Caud. Vul.	capri. 14 5	40	△ ☿ ♀ frosty air
4	u	☾ n. lte vult.	capri. 26 6	8	at the beginning,
5	a	☿ ♄ 10	aqua. 8 6	30	but about new
6	h	☿ ♄ 8	aqua. 20 6	48	Moon expect
7	c	Quinquagesima	pisc. 2	New	☉ Eclipsed in
8	d	Sol in pisces	pisc. 14 6	A. 48	raw, cloudy and
9	e	Shrove-Tuesday	pisc. 26 3	4	close weather,
10	f	Ash-Wednesday	aries 8 9	18	with store of
11	g	☿ ♀ 18	aries 20 10	34	* ♄ ♀ moisture
12	a	Term ends	taur. 2 11	50	but generally
13	h	☿ ♀ 18	taur. 14 1	6	moderate in
14	c	Quadragesima	taur. 27 1	M. 6	Valentine
15	d	☿ ♀ 11	gem. 10 2	16	respect of cold,
16	e	☾ n. dex hu. Au.	gem. 23 3	2	till towards the
17	f	Ember Week	canc. 7 4	16	full Moon, then
18	g	☾ n. prayon	canc. 21 5	00	☐ ☉ ♄ expect
19	a	☾ n. Afelli	leo 6 5	30	* ☉ ♄ some
20	b	☾ n. Cor. leon.	leo 21 5	54	frost and cold
21	c	☾ Sund. in Lent	virg. 6	Full	weather for
22	d	☾ n. Lions tail	virg. 21 6	A. 37	some days
23	e	☾ n. Vindemiati	libra 6 8	10	△ ♄ ♀ and
24	f	S. Matthias	libra 21 9	44	probably about
25	g	☾ n. laux. Aust.	scorp. 6 11	10	the 26th. or 27th.
26	a	☾ n. fin. ma. Op.	scorp. 20 12	42	day, windy and
27	b	☾ n. cor Scorp.	sagit. 3 0	M. 42	stormy weather.
28	c	☾ Sund. In Lent	sagit. 16 2	00	
29	d	☾ n. fin. man. ♄	sagit. 29 3	04	

F E B R U A R Y. 1692.

Saturn riseth about 3 in the morning, and is South about 6. *Jupiter* sets about 11 at night. *Mars* is South about 6 and 7 at night, and sets about 3 in the morning. *Venus* sets betwixt 7 and 8 at night. *Mercury* toward the end emergeth from the Sun-beams, and riseth before him.

Ferie, State Poetical Stories interpreted.
1st concept.

M.D. | *☉* | *☿*
1. | *1.* | *1.*

English Accompt.
 Roman Accompt.
 Roman Calendar.
 Roman Saints days.

1	11	b	Euphrod.	a neighboring Monarch ;	1	7	16	4	44
2	12	a	Severin	<i>Perseus</i> is said to have been	2	7	14		46
3	13	b	Agabus	employ'd by <i>Pallas</i> for the	3		12		48
4	14	c	Valentine	destroying of <i>Medusa</i> , who	4		10		50
5	15	d	Faustin	was very infestuous to	5		8		52
6	16	e	Juliana	the Western Parts of the	6		6		54
7	17	f	Quinquag.	World, & especially about	7		4		56
8	18	g	Sabine	the utmost Coasts of <i>Hibe-</i>	8		2	4	58
9	19	a	Shrove-tu.	<i>ria</i> ; a Monster so dire &	9	7	0	5	0
10	20	b	Ash-wedn.	horrid, that by her only	10	6	58	5	2
11	21	c	Esaia	aspect she turn'd Men in-	11		56		4
12	22	d	Peters Ch.	to Stones. This <i>Medusa</i> of	12		54		6
13	23	e	Serenus	all the Gorgons was mor-	13		52		8
14	24	f	Quadrages.	tal, the rest not subject to	14		50		10
15	25	g	S. Matthias	Death ; <i>Perseus</i> therefore	15	6	48	5	12
16	26	a	Jur. Paul	preparing himself for this	16		46		14
17	27	b	Simeon	noble Enterprife, had	17		44		16
18	28	c	Augustine	Arms and Gifts bestow'd	18		42		18
19	29	d	Oswald	upon him by three of the	19		40		20
20	30	e	David	Gods, <i>Mercury</i> gave him	20		38		22
21	1	f	Reminiscer.	Wings annex'd to his	21		36		24
22	2	g	Maurie	Heels ; <i>Pluto</i> a Helmet ;	22		34		26
23	3	a	Adrianus	<i>Pallas</i> a Shield & a Look-	23	6	32		28
24	4	b	Eusebius	ing-glass : Now altho he	24		30		30
25	5	c	Frederick	was thus furnish'd, yet he	25		28		32
26	6	d	Felicitas	went not directly to <i>Me-</i>	26		26		34
27	7	e	Cyprian	<i>dusa</i> , but first to the <i>Grea</i> ,	27		24		36
28	8	f	Quili	which by the Mothers	28		22		38
29	9	g	Michas		29		20		40
30	10	a		side	30	6	20	5	40

March hath xxxi. days.

- New Moon the 7 day, at 11 at night.
- First quarter the 15 day, at 6 at night.
- Full Moon the 22 day, 30 min. past 8 in the morning.
- Last quarter the 29 day, at 11 in the morning.

1	D	David	capr. 11	3	M. 50	Expect windy
2	e	Chad	capr. 23	4	15	☾ ☽ ♀ and tur.
3	f	D n. luc. in m. ♀	aqua. 5	4	35	bulent weather
4	f	D n. sig. hu. n. ♀	aqua. 17	4	53	which is follow'd
5	f	D n. Fomahant	aqua. 29	5	12	with drifling
5	B	Midlent-Sunday	pisces 11	5	27	Rain and clou-
7	e	D n. Marchab	pisces 23	New	☉	☐ ☽ dy and
8	D	D n. Cap. And	aries 5	7	A. 10	close for some
9	e	Sol in Aries	aries 17	8	25	* ☽ ♀ days
10	f	D n. p. im. * A	aries 29	9	40	afterwards some
11	f	h p 10 R	taur. 11	10	55	brisk Gales of
12	a	h p 15	taur. 24	12	8	Wind, & proba-
13	B	5 Sund. in Lent	gem. 7	0	M. 8	☐ h ♀ bly sea-
14	f	☽ 5 1	gem. 20	1	20	sonable & good
15	D	☽ 8 6	canc. 3	2	20	weather, and
16	e	☽ X 16	canc. 16	3	10	* ☽ ♀ 'ris hop'd
17	f	D n. Afelli	leo 0	3	44	may so continue
18	B	D n. Au. Ca leo.	leo 15	4	8	till towards the
19	a	D n. Cor. leonis	leo 29	4	28	Full Moon ;
20	B	Palm Sunday	virg. 14	4	45	☐ ☽ h then we
21	f	Benedict	virg. 29	5	0	may expect some
22	D	D n. Spic. Virg.	libr. 14	Full	☉	wind and rain,
23	e	D n. Au. Fim ♀	libra 29	8	A. 54	and about the
24	f	D n. lat. Austr.	scorp. 14	10	16	☽ ♀ 25th. day
25	B	Anount. B. Mar.	scorp. 28	11	38	a brisk and frosty
26	a	D n. dex. gu. Op.	sagit. 12	12	50	air, and toward
27	B	Easter day	sagit. 25	0	M. 56	the end variable
28	e	D n. ult. cap. ♀	capri. 8	1	54	and uncon-
29	D	D n. luc. Vultur.	capr. 20	2	27	☐ ☽ ♀ stant
30	e	D n. luc. in m. ♀	aqua. 2	2	46	☐ h ♀ wea-
31	f	D n. luc. hu. ♀	aqua. 14	3	10	ther.

Rising.

Moons setting.

Moons Rising.

MARCH, 1692.

English Accom.
Foreign Accom.
Rom. Calendar.
Rom. Sts. Days.

Saturn rises about midnight and is South about 4 in the morning.

Jupiter and *Venus* toward the end set near together betwixt 9 and 10 at night.

Mars is South about 6 at night, and sets a little after 2 in the morning.

Mercury rises before the Sun.

1	11	G	Cunibert	side were Sisters to the	1	5	17	5	49
2	12	a	Gregorius	Gorgons. These <i>Grea</i>	2		15		45
3	13	b	Ernestus	from their Birth were	3		13		47
4	14	c	Eutychus	Hoar-headed, resembling	4		11		49
5	15	d	Longinus	old Women; they had	5		8		52
6	16	e	Latire	but one only Eye, and	6		6		54
7	17	f	Gertrude	one Tooth among them	7		4		56
8	18	g	Gabriel	all; both which, she that	8	6	2	5	58
9	19	a	Joseph	had occasion to go abroad	9	6	0	6	00
10	20	b	Rupert	was wont to take with	10	5	58	6	2
11	21	c	Benedict	her, and at her return	11		56		4
12	22	d	Paulinus	to lay them down again:	12		54		6
13	23	e	Judica	This Eye and Tooth they	13		52		8
14	24	f	Quirinus	lent to <i>Persus</i> ; and so	14		50		10
15	25	g	An. E. V. M.	finding himself thus	15		48		12
16	26	a	Castulus	thoroughly furnished for	16		46		14
17	27	b	Jo. Erem.	the effecting of his de-	17		44		16
18	28	c	Gideon	sign, he hastens towards	18		42		18
19	29	d	Eustace	<i>Medusa</i> , her he found	19	5	40	5	20
20	30	e	Palm Sun.	sleeping, and yet durst	20	5	38		22
21	31	f	Balbina	not present himself with	21		36		24
22	April	g	Theodore	his face towards her, lest	22		34		26
23	2	a	Mary Egyp.	she should awake; but	23		32		28
24	3	b	Uspian	turning his Head aside,	24		30		30
25	4	c	Ambrose	beheld her in <i>Pallas's</i>	25		28		32
26	5	d	Vincent	Glass, and (by this means	26	5	26	6	34
27	6	e	Pascha	directing his blow) cut off	27		24		36
28	7	f	Cœlestia	her head; from whose	28		22		38
29	8	g	Dionysius	Blood gushing out, in-	29		20		40
30	9	a	Albinus	stantly came <i>Pegasus</i> , the	30		18		42
31	10	b	Ezechiel	flying Hor. Her head thus	31		16		44

more

April hath xxx. days.

- New Moon the 6 day, at 4 in the afternoon.
- First quarter the 14 day, at 5 in the morning.
- Full Moon the 20 day, 40 m. past 5 in the afternoon.
- Last quarter the 28 day, at 5 in the morning.

1	B	D n. Dex. hu.	aqua. 26	3	M. 30	Moon Rising	Drizzling rain at the beginning, then fair weather is expected for some days; but the New Moon produceth
2	a	D n. Au. in m.	pisces 8	3	46		
3	B	Low Sunday	pisces 19	4	00		
4	c	D n. Algenib	aries 14	4	12		
5	d	D n. Cap. And.	aries 13	4	24	Moons Setting	♂ ☉ ♀ wind and rain, and in all probability about the 12th. or 13th. ♂ ♀ days, some cold rain also; afterwards seasonable weather is expected for some days.
6	e	D n. first * γ	aries 26	New	●		
7	f	D n. Au. P. An.	taur. 8	8	A. 48		
8	g	D n. Pleiades	taur. 21	10	00		
9	a	Sol in Taurus	gem. 3	11	12	Moons Setting	* ♂ ♀ And about the 20th. or ♂ ♀ 21th. da. winds and plenty of showers, afterwards warm and pleasant weather is expected, but the end produceth mists or ♂ ♀ drizzling * ♀ ♂ rain.
10	B	2 Sun. past East.	gem. 16	12	20		
11	c	D n. dex. hu Au.	gem. 29	0	M. 20		
12	d	h † 10 Rx.	canc. 13	1	10		
13	e	♂ 22	canc. 27	1	48	Moons Rising	♂ ♀ drizzling * ♀ ♂ rain.
14	f	♂ 17	leo 10	2	14		
15	g	♀ II 13	leo 24	2	32		
16	a	♀ 15	virg. 9	2	5		
17	B	3 Sun. past East.	virgo 24	3	8	Moons Rising	♂ ♀ drizzling * ♀ ♂ rain.
18	c	D n. Vindemiati.	libr. 8	3	24		
19	d	D n. Spic. Vir.	libr. 23	3	40		
20	e	D n. Laux. Aust.	scorp. 1	Full	●		
21	f	D n. Sin. m. Op.	scorp. 2	9	A. 26	Moons Rising	♂ ♀ drizzling * ♀ ♂ rain.
22	g	D n. Cor Scorp.	sagit. 6	10	44		
23	a	S. George	sagit. 20	11	4		
24	B	4 Sun. past East.	capr. 3	12	28		
25	c	S. Mark	capr. 16	0	M. 28	Moons Rising	♂ ♀ drizzling * ♀ ♂ rain.
26	d	D n. luc vult.	capri. 28	0	56		
27	e	D n. luc. m. in	aqua. 10	1	20		
28	f	D n. left. sh.	aqua. 22	1	38		
29	g	D n. Fomahan	pisce. 4	1	54	Moons Rising	♂ ♀ drizzling * ♀ ♂ rain.
30	a	D n. Marchab.	pisc. 16	2	08		

A P R I L 1692.

English Accom.		Forein. Accom.		Rom. Calendar.		Rom. St. days.		<p><i>Saturn</i> rises betwixt 10 and 11 at night, and is South between 2 and 3 in the morning.</p> <p><i>Jupiter</i> follows the Sun, and at the end is under his beams.</p> <p><i>Mars</i> sets between 1 and 2 in the morning.</p> <p><i>Venus</i> fits betwixt 10 & 11 at night.</p> <p><i>Mercury</i> at the beginning is combust, at the end he sets aft. the Sun, & may be seen.</p>	
1	11	c	Leo, Pap.	smote off, <i>Perseus</i> bestows	1	5	14	46	
2	12	d	July Bish.	on <i>Pall.</i> her Shield, which	2		1: 6	48	
3	13	e	Quasimod.	yet retaineth this Virtue,	3		11	50	
4	14	f	Tiburtius	that whatsoever looketh	4		8	52	
5	15	g	Olympia	upon't should become as	5		6	54	
6	16	a	Carisus	stupid as a stone, or like	6		4	56	
7	17	b	Anicetus	one Planet-struck.	7	5	26	58	
8	18	c	Eluther	This Fable seems to di-	8	5	0	7 0	
9	19	d	Timothy	rect the preparation and	9	4	58	7 2	
10	20	e	Misericord.	order that is to be used in	10		50	4	
11	21	f	Adelarius	making of War; for the	11		54	6	
12	22	g	Emmanuel	more apt and considerate	12		52	8	
13	23	a	S. George	undertaking whereof,	13		50	10	
14	24	b	Albertus	grave & wholf. Precepts	14		48	12	
15	25	c	S. Mark	(favoring of the Wi'd. of	15		46	14	
16	26	d	Cletus	<i>Pall.</i>) are to be observed;	16	4	40	7 16	
17	27	e	Jubilate	First, that men do not	17		42	18	
18	28	f	Vitalis	much trouble themselves	18		40	19	
19	29	g	Sybilla	about the Conquest of	19		38	21	
20	30	a	Josua	neighbour Nations, see-	20		37	23	
21	May	b	S. Phil. & Ja.	ing that private Posses-	21		36	24	
22		c	Athanasius	sions & Empires are en-	22		34	26	
23		d	Inv. Crucis	larg'd by differ. means;	23		32	27	
24		e	Cantate	for in the augmentation	24	4	31	7 29	
25		f	Gothard	of private Revenues, the	25		30	30	
26		g	Jo. à Port	vicinity of mens Terri-	26		28	32	
27		a	Juvenal	tories is to be considered;	27		26	34	
28		b	Stanislaus	but in the propagation of pub-	28		25	36	
29		c	Hiobe	lick Dominions, the occasion	29		23	37	
30		d	Pancratius	and facility of making War,	30	4	21	7 39	
				and the fruit to be expected				ought	

May hath xxxi days.

- New Moon the 6 day, 30 min. past 5 in the morning.
- First quarter the 13 day, at 9 in the morning.
- Full Moon the 20 day, 15 min. past 3 in the morning.
- Last quarter the 27 day, at 8 at night.

1	S. Phil. & Jac.	pisces	28	2	A	22	* ♀ ♂ Some
2	D n. Cap. And.	aries	10	2	3		showers are ex-
3	D n. Pr. *	aries	22	2	48		pected at the
4	D n. Au. pes	taur.	4	3	00		beginning of the
5	Ascensio Dom.	taur.	17	3	12		month, and about
6	D n. Aldebaran.	gem.	0	New			the New Moon
7	D n. Alhailot	gem.	13	10	A. 13		♂ ♀ ♀ brisk
8	6 Sun. past East	gem.	26	11	1		Winds driving
9	Term ends	canc.	10	11	48		away the Rain,
10	Sol in Gemini	canc.	23	12	14		and in general,
11	D n. Afelli	leo	7	0	M. 14		good seasonable
12	D n. Cor leonis	leo	21	0	34		* ♂ weather,
13	h 7 8	virg.	5	0	52		till the 17th. or
14	h 8 29	virg.	19	1	08		18th. days, then
15	Whitsunday	libra	3	1	24		probably we
16	♂ Ω 5	libra	18	1	42		♂ ♀ h may
17	♀ ♄ 19	icorp.	22	2	00		have some cold
18	Ember-Week	scorp.	16	2	20		Rain or Hail
19	♀ ♀ 24	sagit.	0	2	40		with northerly
20	D n. dex. gen. C.	sagit.	14	Full			Δ h ♂ winds,
21	D n. fin. man. 7	sagit.	28	10	A. 2		which is follow'd
22	Trinity Sunday	capr.	11	10	48		with misty and
23	D n. luc. Vult.	capr.	24	11	20		foggy weather,
24	D n. luc. man. ♀	aqua.	6	11	42		then hot weather
25	D n. fin. Hu. ♀	aqua.	18	12	M. 2		for some days,
26	D n. dex Bra. ♀	pisces	0	0	2		and at the end
27	Term begins	pisc.	12	0	16		* ♀ ♀ some
28	D n. Can. cet. B.	pisc.	24	0	28		brisk gales of
29	K. Cha. H. N. & R.	aries	6	0	40		♂ ♀ ♀ wind.
30	D n. vent. Cet.	aries	18	0	52		
31	D n. first * Ar.	taur.	0	1	4		

English Account:

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M A 17 1692.

English Account. Foreign Account. Rom. Calendar. Rom. Saints days.

Saturn is south about Midnight.
 Jupiter is Combust.
 Mars sets about Midnight.
 Venus sett not till after 11 at Night.
 Mercury at the beginning of the Month sets after the Sun, and may be seen; but at end he goeth to Combustion.

1	11	Rogat. Sun	ought to be instead of Vi-	1	4	19	7	41
2	12	f Gordian.	cinity: Certainly the Ro-	2		17		43
3	13	a Servatius	mans; what time their Con-	3		15		45
4	14	a Fortuna	quests towards the West,	4		14		46
5	15	b Ascen. Dom	scarce reach'd beyond Li-	5		12		48
6	16	c Peregrin.	guria, did yet in the East	6		10		50
7	17	d Jodocus	bring all the Provinces, as	7		9		51
8	18	e Exaudi	far as the Mountain Taurus,	8		8		52
9	19	f Sarah	within the compass of their	9		6		54
10	20	g Bernard	Arms, and Command; and	10		5		55
11	21	a Prudent	therefore Perseus, though	11		3		57
12	22	b Helena	he was bred and born	12	4	2		58
13	23	c Desider.	in the East, did not yet	13	4	17		59
14	24	d Eather	refuse to undertake an Ex-	14	4	08		0
15	25	e Pentecost	pedition, even to the ut-	15	3	59	8	1
16	26	f Edward	most bounds of the West.	16		58		2
17	27	g Beda	Secondly, There must be	17		57		3
18	28	a Wilhelm.	a Care had, that the Mo-	18		55		5
19	29	b Maximia	tives of War be Just and	19		54		6
20	30	c Wigand.	Honourable; for that be-	20		53		7
21	31	d Petronel	gets an alacrity, as well	21		52		8
22	Jun	e Trin. Suad.	in the Soldiers that fight,	22		51		9
23	2	f Marcellin.	as in the People that pay,	23	3	50	8	10
24	3	g Erasmus	it draws on and procures	24		49		11
25	4	a Boniface	Aids, and brings many	25		48		12
26	5	b Corp. Chr	other Commodities besides.	26		47		13
27	6	c Artemid.	But there is no pretence	27		46		14
28	7	d Paul Ep.	to take up Arms more	28		45		15
29	8	e 1 past Trin	pious, than the suppressing	29		45		15
30	9	f Barnim.	of 30	3		44	8	16
31	10	g Onufrius		31		44		16

June hath xxx Days.

- ☾ New Moon the 4th day, 15 min. past 4 in the Afternoon.
- ☾ First Quarter the 11th day, at 1 in the Afternoon.
- ☾ Full Moon the 18th day, at 3 in the Afternoon.
- ☾ Last Quarter the 26th day, at 3 in the Afternoon.

1	e	Dn. Aust. Pef. An.	taur.	12	I	M.	22	Windy weather, with
2	f	Dn. Pleiades	taur.	25	I		42	△ h ♀ some
3	g	Dn. Aldeboran	gem.	8	2		4	showers of Rain, be-
4	a	Dn. dex. hu. Orio.	gem.	21	I	New	☾	gins the Month
5	b	2 S. past Trin.	canc.	5	9	A	38	Then we may ex-
6	c	Dn. Pollux	canc.	19	10		14	pect some fair Wea-
7	d	Dn. Afelli	leo	3	10		40	* ♂ ♀ ther
8	e	Dn. Cor. Leonis	leo	18	11		00	these days; and a-
9	f	Dn. Terg. Leon.	virgo	2	11		18	bout the First Quar-
10	g	Dn. Caud. Leon.	virg.	16	11		34	ter some Thunder
11	a	S. Barnabas	libra	0	11		48	* ♀ ♀ which
12	b	3 past Trinity	libra	14	12		02	♂ h ♀ is fol-
13	c	h 7. 6 R.	libra	28	0	M	02	lowed with brisk
14	d	4 II 6.	scorp.	12	0		22	gales of Wind
15	e	Tem ends	scorp.	26	0		48	afterwards an in-
16	f	♂ Ω 23.	sagit.	9	1		18	crease of Heat i
17	g	♀ Ω 21.	sagit.	23	1		54	is expected, and
18	a	♀ II 17.	capric.	6	1	Full	☾	continues hot an
19	b	4 past Trinity	capric.	19	9		18	sultry, with some
20	c	Dn. luc. Vult.	aqua.	2	9		40	misty Mornings a
21	d	Dn. fin. hum.	aqua.	14	10		00	bout this time; all
22	e	Dn. dex. hum.	aqua.	26	10		12	some drizzling Rain
23	f	Dn. Marchab.	pifces	8	10		24	♂ ♂ ♀ or gen
24	g	S. John Baptis	pifces	20	10		36	tle dropping Showers
25	a	Dn. Algerib.	aries	2	10		48	yet generally season
26	b	5 past Trinity	aries	14	11		00	able Weather to th
27	c	Dn. prim. * Ar.	aries	26	11		14	end of the Month.
28	d	Dn. aust. pef. An.	taur.	8	11		34	
29	e	S. Pera	taur.	20	12		00	
30	f	Dn. Aldeboran	gem.	3	0	M.	0	

Moons setting.

Moons rising.

JUNE, 1692.

Saturn at the beginning is South about 11, at the end he is South about 9 at Night, and sets about four hours after. Jupiter rises before the Sun. Mars and Venus set near together, between 10 and 11 at Night. Mercury toward the end emergeth from the Sun-beams, rising before him.

English Account.	Romankalendar.	Rom.Saints days.	Foreign Account.
1 11	a	S. Barnabas	of Tyranny ; under which
2 12	b	Blandin.	Yoak the People lose their
3 13	c	Cyrillus	Courage , and are cast
4 14	d	Valerius	down without heart and
5 15	e	pass Trin.	vigour , as in the sight of
6 16	f	Rulandus	Medusa. Thirdly , It is
7 17	g	Botolph	wisely added , That seeing
8 18	a	Homer	there were three Gorgons ,
9 19	b	Gervase	(by which Wars are re-
10 20	c	Regina	presented) Perseus under-
11 21	d	Albanus	took her only that was
12 22	e	pass Trin.	mortal ; that is, he made
13 23	f	Basilus	choice of such a kind of
14 24	g	Jo. Bapt.	War, as was likely to be
15 25	a	Elogius	effected, and brought to a
16 26	b	Jeremias	Period , not pursuing vast
17 27	c	7 Dorm.	and endless hopes
18 28	d	Leo P.	The furnishing of Per-
19 29	e	St Peter	seus with Necessaries was
20 30	f	Con. Paul.	that which only advanced
21 1	g	Theobald	his attempt, and drew For-
22 2	a	Visit. V. M.	tune to be on his side ; for
23 3	b	Cornelius	he had speed from Mercury,
24 4	c	Ulricus	concealing of his Counsels
25 5	d	Anselm	from Orcus, or Pluto, having
26 6	e	pass Trin.	his Head covered with his
27 7	f	Demetrius	Helmet, by which he became
28 8	g	Chilian	invifible ; and Providence
29 9	a	Cyrillus	from Pallas. Neither is it
30 10	b	7 Frates	without an Allegory, and

July hath xxxi Days.

- New Moon the 4th day, 20 min. past 1 in the morning.
- First Quarter the 10th day, at 7 at night.
- Full Moon the 18th day, at 4 in the morning.
- Last Quarter the 26th day, at 8 in the morning.

1	g	D n. Alhaiot	gem.	17	0	M	3	2	Some showers
2	h	D n. luc. pef. gem.	canc.	17	1		2	2	☐ h ♀ Rain
3	h	6 past Trinity	canc.	14	2		3	4	are expected abo
4	c	D n. Afelli	canc.	29	New	☉	1		* ♂ ☉ the Ne
5	d	D n. auf in ca. Ω	leo	13	9	A	2		△ h ♂ Moon
6	e	D n. cor Leon.	leo	28	9		2	2	* ♀ ♀ which
7	f	♄ 7	virg.	12	9		4	0	are followed with a
8	g	♄ II 11	virg.	27	9		5	6	increase of heat, an
9	h	♄ 7	libra	11	10		1	2	Moons setting.
10	h	7 past Trinity	libra	25	10		2	8	good and seasonab
11	c	♀ 11	scorp.	9	10		4	4	weather these days
12	d	Sol in Leo	scorp.	22	11		4		with some refreshing
13	e	♄ 20	sagit.	6	11		4	0	gales of Wind abou
14	f	D n. dex. hu. oph.	sagit.	19	12		3	2	☐ ♀ this
15	g	♄ 11	capr.	2	0	M	3	2	time: And about th
16	h	D n. ult. in cap. I	capr.	1	1		3	4	Full Moon som
17	h	8 past Trinity	capr.	28	2		5	2	△ h ☉ misty
18	c	D n. luc. in m. ♄	aqua.	10	Full	☉	1		Mornings; and all
19	d	D n. fin. hum. ♄	aqua.	22	8	A	1	8	Thunder showers at
20	e	D n. aut. in d. m. ♄	pisces	4	8		3	0	△ h ♀ expe-
21	f	D n. Marchab.	pisces	16	8		4	2	☐ ♀ ♂ dled,
22	g	D n. Algenib.	pisces	28	8		5	4	with pleasant coo
23	h	D n. cap. Andr.	aries	10	9		6		♄ ☉ ♀ ing
24	h	9 past Trinity	aries	22	9		1	8	Winds about th
25	c	S. James	taur.	4	9		3	4	* ♀ ☉ time
26	d	D n. cap. Med.	taur.	16	10		0		But towards the en
27	e	D n. Aldeboran.	taur.	28	10		3	0	of the Month, h
28	f	D n. Alhaiot	gem.	11	11		8		* ☉ ♀ and
29	g	D n. dex. hu. Aux.	gem.	25	12		2		♄ ♂ ♀ sultry
30	h	D n. Castor	canc.	8	0	M	2		weather is expected.
31	h	10 past Trinity	canc.	22	1		1	8	

JULY, 1692.

Saturn sets betwixt 11 and 12 at Night.

Jupiter at the beginning rises about 1 in the Morning
at the end he rises before Midnight.

Mars, and Venus, set near together about 9 at
Night.

Mercury goeth to Combustion.

Foreign Account.

Roman calendar.

Rom. Saints days.

1	1	c	Pius	that full of matter too; that	1	3	5	18	9
2	12	d	Henricus	those Wings of Celerity	2		52		8
3	13	e	6 past Trin	were fastned to Perseus his	3		53		7
4	14	f	Bonavent	Heel, and not to his Ankles;	4		54		6
5	15	g	Swithin	to his Feet, and not to his	5		55		5
6	16	a	Hillarius	Shoulders; because Speed	6		56		4
7	17	b	Alexius	and Celerity is required, not	7		58		2
8	18	c	Maternus	so much in the first prepa-	8	3	59	8	1
9	19	d	Ruffina	rations for War, as in those	9	4	08		0
10	20	e	7 past Trin.	things which second and	10		17	59	
11	21	f	Daniel	yield Aid to the first; for	11		3	57	
12	22	g	Mary Mag.	there is no Error in War	12		5	55	
13	23	a	Apollin.	more frequent, than that	13		6	54	
14	24	b	Christina	prosecutions and subsidiary	14		7	53	
15	25	c	St. James	Forces do fail to answer the	15		9	51	
16	26	d	Anna	alacrity of the first On-	16		10	50	
17	27	e	8 past Trin.	sets.	17		11	49	
18	28	f	Panthol.	Now for that Helmet	18		13	47	
19	29	g	Beatrice	which Pluto gave him, pow-	19		14	46	
20	30	a	Abdon	erful to make Men invisible,	20	4	16	7 44	
21	1	b	German	the Moral is plain; but that	21		17	43	
22	2	c	Aug. Lammas	twofold gift of Providence,	22		19	41	
23	3	d	Moses	(to wit, the Shield, and	23		20	40	
24	4	e	9 past Trin.	Looking-Glass) is full of	24		22	38	
25	5	f	Aristarch.	Morality; for that kind of	25		24	36	
26	6	g	Oswaldus	Providence which like a	26		25	35	
27	7	a	Sixtus	Shield avoids the force of	27		27	33	
28	8	b	Afra	blows, is not alone needful	28		29	31	
29	9	c	Ladislaus	but that also by which the	29		31	29	
30	10	d	Roman.	Strength, and Motions, and	30	4	33	7 27	
31	11	e	10 past Trin.		31		35	25	

B 3

Count

Regule anni XXXI Days.

- New Moon the 2d day, 30 min. past 9 in the morning.
 First Quarter the 9th day, at 2 in the morning.
 Full Moon the 16th day, 30 min. past 6 in the afternoon.
 Last Quarter the 24th day, at 9 at night.
 New Moon the 31st day, at 4 in the afternoon.

1	c	Lammias	leo	7	2	M	50		At the beginning
2	b	Dn. Cor. Leonis	leo	22		New	●	1	some showers of Rain
3	e	D n. terg. Leon.	virg.	7	7	A	43		are expected, and
4	f	D n. caud. Leon.	virg.	22	7		58		☐ h ☉ also
5	g	D n. Vindemiati	libra	7	8		12		Wind about this
6	a	D n. spica Virg.	libra	21	8		26		time: And 'tis ho-
7	b	11 past Trinity	scorp.	5	8		40		ped, that in general
8	c	Dn. luc. col. Serp.	scorp.	19	9		2		we may have good
9	d	D n. cor. Scorp.	sagit.	3	9		40		Harvest weather, un-
10	e	S. Lawrence	sagit.	16	10		30		til about the Full
11	f	h 7 4 D.	sagit.	29	11		30		♂ ♀ ☉ ☐ ♀
12	g	Sol in Virgo	capr.	12	12		45		☐ ♀ ☉ Moon.
13	a	♂ II 17	capr.	24	0	M	45		Then (if I mistake
14	b	12 past Trinity	aqua.	7	2		00		not) we shall have
15	c	♂ ☐ o. o.	aqua.	19	3		20		Misty Weather and
16	d	♀ ☐ 16 R.	pisces	1		Full	●	1	☐ ☉ h drif-
17	e	♀ ☐ 26	pisces	13	6	A	54		ling Rain also;
18	f	D n. caud. Cet. B.	pisces	25	7		7		afterwards good wea-
19	g	D n. cap. Andr.	aries	7	7		20		ther for a time:
20	a	D n. prim. * Ar.	aries	19	7		33		* h ♂ But
21	b	13 past Trinity	taur.	0	7		46		about the Three and
22	c	D n. aul. pes. And.	taur.	12	8		4		twentieth and Four
23	d	D n. Pleiades	taur.	24	8		24		♂ ☉ ♀ and
24	e	S. Bartholomew	gem.	7	8		56		* h ☉ ♂ ♂ ☉
25	f	D n. Alhajot	gem.	20	9		52		twentieth days, Rain
26	g	D n. luc. pes. Gem.	canc.	3	11		2		and probably Thun-
27	a	D n. Castor	canc.	17	12		22		der therewith; yet
28	b	14 past Trinity	leo	1	0	M	22		toward the end of the
29	c	D n. aul. in ca. ♀	leo	16	1		52		Month more seasona-
30	d	D n. cor. Leonis	virgo	1	3		26		ble weather. is expe-
31	e	D n. caud. Leon.	virgo	16		New	●	1	☐ ☉ ♀ Etcd.

Moons Setting.

Moons Rising.

English Account.

311

AUGUST, 1692.

Saturn at the beginning sets betwixt 10 and 11, at the end he sets about 9 at Night.

Jupiter rises betwixt 10 and 11 at Night.

Mars sets a little after the Sun.

Venus goeth to Combustion.

Mercury sets after the Sun.

Foreign Account.	Roman Calendar.	Rom. Saints days.							
1	1	f	Titus	Counsels of the Enemy are	1	4	37	7	23
2	12	g	Clare	descried, as in the Looking-	2		39		21
3	13	a	Hyppolit	Glass of Pallas. But Per-	3		41		19
4	14	b	Bertram	seus, albeit he was suffici-	4		42		18
5	15	c	Assurn. V.M.	ently furnished with Aid and	5		44		16
6	16	d	Rochus	Courage, yet was he to do	6		46		14
7	17	e	11 p. Trin	one thing of special im-	7		48		12
8	18	f	Helena	portance before he entred	8	4	50	7	10
9	19	g	Sebaldu	the Lists with this Monster,	9		52		8
10	20	a	Bernard	and that was to have some	10		54		6
11	21	b	Athanasius	Intelligence with the Gree:	11		56		4
12	22	c	Symphor	These Gree are Treasons	12		58		2
13	23	d	Zacheus	which may be termed the	13	5	07		0
14	24	e	S. Barthol.	Sisters of War, not de-	14		16		59
15	25	f	Ludovic.	scended of the same stock,	15		36		57
16	26	g	Irenæus	but far unlike in the No-	16		5		55
17	27	a	Gebhard	bility of Birth; for Wars	17		7		53
18	28	b	Augustin	are generous and Heroical	18		8		52
19	29	c	Decol. J.B.	but Treasons are base and	19		10		50
20	30	d	Fœlix P.	ignoble: Their description	20	5	12	6	48
21	31	e	13 p. Trin	is Elegant, for they are	21		14		46
22	Sept.	f	Ægidius	said to be Gray-headed,	22		16		44
23	2	g	Rachel	and like old Women from	23		18		42
24	3	a	Euphem	their birth, by reason that	24		20		40
25	4	b	Theodose	Traytors are continually	25	5	22	6	38
26	5	c	Zachary	vext with Cares and Tre-	26		24		36
27	6	d	Magnus	pidations: But all their	27		26		34
28	7	e	14 p. Trin	strength (before they break	28		28		32
29	8	f	Nat. V.M.	out into open Rebellions)	29		31		29
30	9	g	Kunigur	confists	30	5	33		27
31	10	a	Sosthenes	B 4	31		35		25

September hath xxx Days.

- First Quarter the 7th day, at 11 in the morning.
- Full Moon the 15th day, 30 min past 11 in the morning.
- Last Quarter the 23d day, at 11 in the morning.
- New Moon the 30th day, 30 min. past 2 in the morning.

1	f	D n. fin. ala. virg.	libra	06	A	24	Moons setting.	Misty, and clbe
2	g	D n. spica virg.	libra	15	6	42		weather, with Wind
3	h	D n. lanx. & Austr.	scorp.	07		4		☐ h ♀ and
4	h	15 past Trinity	scorp.	15	7	30		Rain about the 5th
5	c	D n. cor. scorp.	scorp.	29	8	0		Δ 4 ♀ day,
6	d	D n. dex. gen. op.	sagit.	13	9	42		afterwards good and
7	e	D n. fin. Mau.	sagit.	26	9	36		seasonable weather
8	f	D n. ult. Cap.	capric.	9	10	46		for several days;
9	g	D n. luc. vultur.	capric.	21	12	2		and about the 12th
10	h	D n. luc. in ma.	aqua.	4	0	M 2		day. Misty weather,
11	h	16 past Trinity	aqua.	16	1	16	Moons rising.	with some drifling
12	h	Sol in Libra	aqua.	28	2	30		Δ 4 ♂ Rain,
13	d	h 7 6	pifces	10	3	45		also som brisk
14	e	4 II 20	pifces	22	5	0		Winds abou the
15	f	Ember Week	aries	3	Full	0		Full-Moon, and ge-
16	g	♂ 21	aries	15	5	A. 48		nerally good wea
17	h	♀ 3 d.	aries	27	6	4		* ☉ h ther,
18	h	17 past Trinity	taur.	9	6	23		and warm for the
19	c	♀ 25 R.	taur.	21	6	45		season, and so con-
20	d	D n. Aldeboran.	gem.	14	7	12		♂ ♂ ♀ tinues
21	e	S. Matthew	gem.	16	7	54	Moons rising.	without much alte-
22	f	D n. dex. hu. aur.	gem.	29	8	36		ration until the end
23	g	D n. Castor	canc.	12	10	14		of the Month, whi-h
24	h	D n. Afelli	canc.	25	11	40		may probably pro-
25	h	18 past Trinity	leo	9	1	8		duce some Wind and
26	c	D n. con Leonis	leo	24	1	M. 8		Δ 4 ♀ also
27	d	D n. terg. Leon.	virgo	8	2	37		Rain.
28	e	D n. caud. Leon.	virg.	23	4	7		♂ ☉ ♀
29	f	S. Michael	libr.	9	5	37		Δ 4 ♀
30	g	D n. spica virg.	libr.	24	New	0		

SEPTEMBER, 1692

English Account.		Roman Calendar.	Rom. Saints days.	Saturn sets betwixt 8 and 9 at Night.	
Foreign Account.				Jupiter rises about 9 at Night, and is south about 3 in the Morning. Mars sets a little after the Sun.	
				Venus emergeth from the Sun-beams, and riseth before him. Mercury at the beginning sets after the Sun, at the end he is Combust.	
1	11	b	Maurice	consists either in an Eye,	15 37 6 23
2	12	c	Maximin.	or in a Tooth; for every	2 39 21
3	13	d	Amatus	Faction alienated from any	3 41 19
4	14	e	15 p. Trin	State, contemplates and	4 43 17
5	15	f	Nicomed.	bites: Besides, this Eye and	5 45 15
6	16	g	Edith	Tooth are as it were com	6 47 13
7	17	a	Lambert	mon, for whatsoever they	7 49 11
8	18	b	Veriolus	can learn and know, is	8 51 6 9
9	19	c	Januarius	delivered and carried from	9 53 7
10	20	d	Fausta	one to another by the	10 55 5
11	21	e	S. Matthew	hands of Faction. And as	11 58 2
12	22	f	Maurice	concerning the Tooth, they	12 6 0 6 0
13	23	g	Joel	do all bite alike, and sing	13 2 5 53
14	24	a	Rupert	the same song, so that	14 4 54
15	25	b	Cleophas	hear one, and you hear all;	15 6 54
16	26	c	Cyprian	Perseus therefore was to	16 8 52
17	27	d	Judith	deal with these Grea, for	17 10 50
18	28	e	17 p. Trin	the love of their Eye and	18 12 48
19	29	f	S. Michael	Tooth; their Eye to dis-	19 14 46
20	30	g	Jerome	cover, their Tooth to sow	20 6 16 5 44
21	Octo.		Remigius	Rumors, and stir up En-	21 18 42
22	2	b	Leodegar	vy, and to molest and	22 20 40
23	3	c	Simplic.	trouble the minds of Men.	23 22 38
24	4	d	Francisc.	These things being there-	24 24 36
25	5	e	18 p. Trin	fore thus disposed and pre-	25 26 34
26	6	f	Aurelia	pared, he addresses himself	26 28 32
27	7	g	Spes	to the Action of War, and	27 6 30 5 30
28	8	a	Pelagia	sets upon Medusa as she	28 32 28
29	9	b	Dionysius	slept; for a wise Captain	29 34 26
30	10	c	Gideon	will	30 36 24

October hath xxxi Days.

- First Quarter the 7th day, at 1 in the morning.
- Full Moon the 15th day, at 5 in the morning.
- Last Quarter the 23th day, at 9 at night.
- New Moon the 29th day, at noon.

1	a	D n. lanx. Austr.	scorp.	9	5	A	32		Some brisk Winds
2	b	12 past Trinity	scorp.	24	6		0		△ ☉ 4 at the
3	c	D n. cor. Scorp.	fagit.	8	6		40		beginning of the
4	d	D n. dex. hu. Op.	fagit.	22	7		36		Month, afterwards
5	e	D n. ult. cap. T.	capric.	5	8		48		Cloudy and Rain-
6	f	D n. caud. Vult.	capr.	18	10		00		like, and about the
7	g	D n. luc. Vult.	aqua.	11	11		12		9th day Mifty, or
8	a	D n. fin. hu. ☿	aqua.	13	12		25		doubling Rain is ex-
9	b	20 past Trinity	aqua.	25	0	M	25		pected; also about
10	c	7 8.	pisces	7	1		38		the Full Moon we
11	d	II 20 R.	pisces	19	2		51		may expect some
12	e	Sol in Scorp.	aries	0	4		4		brisk Winds, bring-
13	f	III 10.	aries	12	5		17		ing Rain. But after
14	g	IV 17.	aries	24	6		30		the Full Moon, tis
15	a	V 14 D.	taur.	6		Full	●		hoped that we may
16	b	1 past Trinity	taur.	18	4	A	54		have good temperate
17	c	D n. Aldeboran	gem.	1	5		24		□ 4 2 and
18	d	S. Luke	gem.	13	6		10		seasonable Weather,
19	e	D n. dex. hu. Aur.	gem.	26	7		00		△ 4 ☿ and
20	f	D n. Castor	canc.	9	8		06		that it will so con-
21	g	D n. Pollux	canc.	22	9		24		tinue without much
22	a	D n. Aselli	leo	5	10		44		alteration until the
23	b	2 past Trinity	leo	19	12		12		end of the Month,
24	c	Term begins	virg.	3	0	M	12		which is then likely
25	d	Trispin	virg.	17	1		42		to produce a sharp
26	e	D n. Vindemiati	libra	2	3		12		Air, and Winter-like
27	f	D n. spica Virg.	libra	17	4		44		Weather.
28	g	S. Simon & Jude	scorp.	3	6		15		
29	a	D n. luc. col. Serp.	scorp.	17		New	☉		
30	b	23 past Trinity	fagit.	2	4	A	34		
31	c	D n. dex. hu. Oph.	fagit.	16	5		24		

Moons Setting.

Moons Rising.

English Account.

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OCTOBER, 1692

English Account.		Foreign Account.		Roman Calendar.		Ronn Saints da ys		Saturn sets between 6 and 7 at Night.	
								Jupiter rises about 7 at Night, and is south about 3 in the Morning. Mars getteth under the Sun beams. Venus riseth betwixt 3 and 4 in the Morning. Mercury, in the midst of the Month, rises about Break of Day.	
1	11	D	Burchard	will ever assault his Enemy	1	6	38	5	22
2	12	☉	19 p. Trin.	when he is unprepared, and	2		40		20
3	13	f	Telemach	most secure; and then is	3		42		18
4	14	g	Calixtus	there good use of <i>Pallas</i>	4		44		16
5	15	a	Hedwig	her Glass: For most Men	5		46		14
6	16	b	Gallus	before it come to the push	6		48		12
7	17	c	Florent	can acutely pry into, and	7		50		10
8	18	d	S. Luke	discern their Enemies estate;	8		52		8
9	19	☉	20 p. Trin.	but the best use of this	9		54		6
10	20	f	Wendelin	Glass is in the very Point	10		56		4
11	21	g	Ursula	of danger, that the manner	11	6	58	5	2
12	22	a	Cordula	of it may be so considered	12	7	05	0	
13	23	b	Severine	as that the Terror may not	13		24		58
14	24	c	Solome	discourage, which is signified	14		4		56
15	25	d	Crispine	by that looking into this	15		6		54
16	26	☉	21 p. Trin.	Glass with the Face turned	16		8		52
17	27	f	Victoria	from <i>Medusa</i> .	17		10		50
18	28	g	S. St. & Jud	The Gorgons which Per-	18		12		48
19	29	a	Narcissus	seus killed. are thought by	19		14		46
20	30	b	Abfalom	some to be the <i>Basilisks</i> , a	20	7	16	4	44
21	31	c	Wolfgang	kind of Beasts in <i>Africa</i>	21		18		42
22	Nov.	All Saints	alone, which kill with their	22		19			41
23	2	☉	22 p. Trin.	Eye; called also <i>Catoblepa</i> ,	23		21		39
24	3	f	Theophilus	because they look still	24		23		37
25	4	g	Modestius	downwards; they are de-	25		25		35
26	5	a	Petronel	scribed by <i>Mela</i> , <i>Pliny</i> , and	26		27		33
27	6	b	Leonard	<i>Arilian</i> : If we will be like	27		29		31
28	7	c	Willibald	<i>Perseus</i> , good Soldiers indeed,	28		31		29
29	8	d	Claudius	and deserve a place among	29		33		27
30	9	☉	23 p. Trin.	the Stars, we must kill the	30	4	25	4	25
31	10	f	Martin P.	<i>Gorgons</i>	31		24		23

padding account.

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1	d	All Saints	capric. 06	A	28	If I mistake not,
2	e	St. Soulz	capric. 13	7	38	this Month doth pro-
3	f	D. n. luc. vult.	capr. 26	8	50	duce great store of
4	g	D. n. luc. in ma.	aqua. 9	10	10	Winter weather, viz.
5	a	Gun-powd. Plot	aqua. 21	11	26	Snow, or cold Rain,
6	b	24 past Trinity	pisces 3	12	42	and plenty thereof
7	c	D. n. Marchab.	pisces 15	0	M 42	with high Winds
8	d	D. n. caud. oet. bor.	pisces 27	1	54	and Tempestuous
9	e	D. n. cap. Andr.	aries 9	3	6	* h ♀ wea-
10	f	D. n. pr. * Aries.	aries 21	4	18	♂ ☉ ♂ ther,
11	g	Sol in Sagit.	taur. 3	5	30	Martinmas=day.
12	a	D. n. cap. Medusa	taur. 15	6	42	and such like doth
13	b	25 past Trinity	taur. 21	Full	●	continue till after
14	c	D. n. Castor.	gem. 10	4	00	△ ♀ the Full
15	d	h † 12	gem. 23	4	50	Moon; Then 'tis
16	e	h † 16	canc. 8	5	54	hoped we may have a
17	f	♂ † 5	canc. 19	7	16	♂ ♂ ♀ some-
18	g	♂ ☉ 21	leo 2	8	30	what more temperate
19	a	♀ † 8	leo 16	9	52	season. But the Last
20	b	25 past Trinity	virgo 6	11	16	♂ ☉ ♀ Quarter
21	c	D. n. caud. Leon.	virgo 14	12	44	also produceth down
22	d	D. n. Vindemiati.	virgo 28	0	M 44	♂ h ♀ right
23	e	D. n. spica Virg.	libra 12	2	13	♂ ☉ h Blustering
24	f	D. n. auf. sim. Vir.	libra 26	3	42	♂ ♀ and
25	g	D. n. lanx. Aust.	scorp. 11	5	12	Winterly weather
26	a	D. n. sup. front. M	scorp. 25	6	38	♂ ☉ ♀ and
27	b	Advent Sunday	sagit. 10	New	●	very variable and
28	c	Term ends	sagit. 24	4	A 00	unsettled weather to
29	d	D. n. ult. cap. †	capric. 8	5	10	♂ h ♂ the
30	e	St. Andrew	capr. 21	6	24	♂ ♀ end.

NOVEMBER, 1692.

English Account.		Roman Calendar.		Roman Saints days.		Foreign Account.		Saturn followeth the Sun, and at the end he is Consumpt. Jupiter toward the end is South at Midnight. Mars and Mercury are both Consumpt. Venus riseth betwixt 3 and 4 in the Morning.	
1	11	g	Martin Ep.	Gorgons, or Catoblepæ within	1	7	38	4	22
2	12	a	Cunibert	us, even those covetous	2		39		21
3	13	b	Eugenia	affections that are still	3		41		19
4	14	c	Frederick	looking downward, and fast-	4		43		17
5	15	d	Leopald	ned on Earth and earthly	5		45		15
6	16	e	24 p. Trin	things. Perseus was so brave	6		46		14
7	17	f	Hugo	and excellent a Man, that	7		48		12
8	18	g	Hezechias	not only himself was made	8		49		11
9	19	a	Elizabeth	a Constellation, but also his	9		51		9
10	20	b	Amos	Wife Andromeda, his Father-	10	7	52	4	8
11	21	c	Obl. V.M.	in-Law Cepheus, and his	11		54		6
12	22	d	Cæcilia	Mother-in-Law Cassiopeia, for	12		55		5
13	23	e	25 p. Trin	his sake; by which we may	13		57		3
14	24	f	Chryfog.	see, how one Worthy Person	14	7	58		2
15	25	g	Catherine	doth ennoble a whole Fa	15	8	60	4	0
16	26	a	Conradus	mily. Perseus could not ob-	16	8	13		59
17	27	b	Guntherus	tain the Fair Andromeda.	17		3		57
18	28	c	Rufus	until he had first kill'd	18		4		56
19	29	d	Saturn-Fast	Medusa, and then the Sea-	19		6		54
20	30	e	S. Andrew	Monster: Neither can we	20		7		53
21		f	Dec. Longinus	attain true content and hap-	21		8		52
22	2	g	Candidus	piness, until we have subdued	22		9		51
23	3	a	Caasian.	the Monsters of our Luts	23		10		50
24	4	b	Barbara	and Affections. Medusa by	24		11		49
25	5	c	Sabina	seeing her own Face in Per-	25	8	12	3	48
26	6	d	Nicholaus	seus his Shield, as in a Glass,	26		13		47
27	7	e	2 Advent	she fell into a deep sleep,	27		14		46
28	8	f	Conc. V.M.	and so became a prey unto	28		15		45
29	9	g	Joachim	Perseus; so many falling in	29		15		45
30	10	a	Miltiades	love	30	8	16	3	44

December hath xxxi Days.

- ☾ First Quarter the 5th day, at 3 in the afternoon.
- Full Moon the 13th day, at 2 in the afternoon.
- ☾ Last Quarter the 20th day, at 3 in the afternoon.
- New Moon the 27th day, at 2 in the afternoon.

1	f	Dn. in ma. ♊ aqua.	4 7 A	40	Moons Setting.	At the beginning expecting Mitty weather, ♂ h ♀ ther, with Snow, or drizzling Rain: But generally this Month produceth more mild and temperate Weather than the last; and about this time dark and close Weather for some days. But after the Full Moon we may expect some Frost and Winter-like weather, yet very moderate for the Season; and about the Three and twentieth or Four and twentieth days expect brisk sharp Winds and a Frosty Air, which may continue for some time. * ♀ ♀ very seasonable: But the end of the Month produceth, misty foggy, and moist weather.
2	g	Dn. dex hu ♊ aqua.	16 9	00		
3	a	Dn. dex. Brac. ♊ aqua.	29 10	18		
4	♂	Advent	pisces 11 11	32		
5	c	Dn. caud. cor. B	pisces 23 12	48		
6	d	Dn. cap. Andr.	aries 5 0 M	42		
7	e	Dn. fin. cal. And.	aries 17 1	54		
8	f	Concep. V. M.	aries 29 3	4		
9	g	h f 15.	taur. 11 4	16		
10	a	sol in Capr.	taur. 23 5	22		
11	♂	Advent	gem. 6 6	30	Moons Rising.	
12	c	♂ II 13.	gem. 19 7	36		
13	d	♂ f 24.	canc. 2 Full	●		
14	e	♂ m 21	canc. 15 4 A	38		
15	♂	St. Thomas	canc. 29 5	54		
16	g	♂ W 20	leo 12 7	20		
17	a	Dn. cor. Leon.	leo 26 8	48		
18	♂	Advent	virgo 10 10	16		
19	c	Dn. aust. al. Virg.	virgo 24 11	42		
20	d	Dn. Vindemiati.	libr. 8 1	8		
21	e	St. Thomas	libr. 23 1 M	8	Moons Setting.	
22	f	Dn. lanx. Aut.	scorp. 7 2	32		
23	g	Dn. sup. Fron. m	scorp. 21 3	56		
24	a	Dn. cor. Scorp.	sagit. 5 5	16		
25	♂	Nativ. Christ	sagit. 19 6	26		
26	♂	St. Stephen	capr. 3 7	30		
27	♂	St. John	capr. 16 New	●		
28	e	Innocents	capr. 29 5 A	2		
29	f	Dn. fin. hu. ♊	aqua. 12 6	20		
30	g	Dn. dex. hu. ♊	aqua. 25 7	40		
31	a	Dn. dex. Brac. ♊	pisces 7 9	00		

DECEMBER, 1691.

Foreign Account.		Roman Calendar.	Rom. Saints days.	Saturn emergeth from the Sun-beams, and riseth before him.				
				Jupiter is south betwixt 10 and 11 at Night.				
				Mars is under the Sun-beams.				
				Venus rises betwixt 4 and 5 in the Morning.				
				Mercury sets after the Sun, and at the end may be seen				
1	11	b	Damafus	love with themselves, grow	18	16	3	44
2	12	c	Valerius	insolent and careless, and	2	17		43
3	13	d	Lucia, V.	falling into the sleep of	3	17		43
4	14	e	Advent	security, become a prey to	4	18		42
5	15	f	Abraham	their Enemy.	5	18		42
6	16	g	Ananias		6	18		42
7	17	a	Lazarus	The Monsters-head being	7	18		42
8	18	b	Christoph.	cut off, there follow two	8	19		41
9	19	c	Loth	effects, the first was the	9	19		41
10	20	d	Ammon	procreation, and raising of	10	19		41
11	21	e	St. Thomas	Pegasus; by which may be	11	8	19	3 41
12	22	f	Theodore	evidently understood Fame,	12	19		41
13	23	g	Dagobert	that (flying through the	13	19		41
14	24	a	Adam & E.	World) proclaims Victory:	14	19		41
15	25	b	Christmase	The second is the bearing	15	18		42
16	26	c	S. Stephen	of Medusa's Head in his	16	18		42
17	27	d	S. John	Shield, to which there is	17	18		42
18	28	e	Innocents	no kind of defence for ex-	18	18		42
19	29	f	Jonathan	cellency comparable; for	19	17		43
20	30	g	David	that one famous and memo-	20	8	17	3 43
21	31	a	Silvester	rable Act prosperously effe-	21	16		44
22	an. 1691		Circum.	cted and brought to pass,	22	15		45
23	2	b	Abel	doth restrain the Notions	23	15		45
24	3	c	Enoch	and Insolencies of Enemies.	24	14		46
25	4	d	Methusal.	and makes Envy her self	25	13		47
26	5	e	Simeon	silent and amazed.	26	13		47
27	6	f	Epiphany		27	12		48
28	7	g	Julian		28	11		49
29	8	a	Erhard		29	10		50
30	9	b	Marcell.		30	8	9	51
31	10	c	Paul Erem.		31	8		52

... how many Years purchase a Lease or Annuity
 ... for any number of Years under 33) is worth pre-
 ... at Interest upon Interest, at Six in the Hundred; and
 ... showing plainly how to discount any Lease in being, and the
 ... value of the Reversion after any number of Years.

The Use and Explanation of the T A B L E.								
Years of a Lease.	Years.	Months.	Tenth parts.	The first Column towards the left Hand sheweth the Years of a Lease, or Annuity, and right against each Year, is the Years, Months, and Tenth Parts of a Months purchase, that such a Lease or Annuity is worth. Example: Suppose a Lease or Annuity to continue 12 Years, and you would know how many Years purchase it is worth in present Money, look in the Table for Twelve Years of a Lease to the left Hand, and against the same you shall find 8, 4, 6, which sheweth that such a Lease is worth 8 Years, 4 Months, and 6 Tenth parts of a Months Pur- chase.	Years of a Lease.	Years.	Months.	Tenth parts.
1	0	11	0		17	10	5	8
2	1	9	9		18	10	9	3
3	2	8	1		19	11	1	9
4	3	5	9		20	11	5	7
5	4	2	5		21	11	9	3
6	4	11	1		22	12	0	5
7	5	7	0		23	12	3	0
8	6	2	7		24	12	6	6
9	6	9	9		25	12	9	4
10	7	4	3		26	13	0	0
11	7	10	7		27	13	2	5
12	8	4	6		28	13	4	9
13	8	10	3		29	13	7	1
14	9	3	6		30	13	9	2
15	9	8	5		31	13	11	1
16	10	1	3		32	14	1	0

A G A I N :

If you are to take or buy the Reversion of any Lease or Annuity, work thus; Suppose the Lease to be Thirty Years in all you find in the Second Table and Right Hand against Thirty 13 Years, 9 Months, and 2 Tenth Parts of a Months Purchase this it were worth were it in present Possession. But suppose there be a Lease of five Years (more or less) before you commence look in the Table against the five Years, and there you find four Years, two Months, and 5 Tenth parts of a Months purchase Take this out of the Sum against Thirty, which is, 13, 9, 2, the Remainder is, 9, 6, 7, which is 9 Years, 6 Months; and 7 Tenth Parts of a Month; and so much is the Reversion after five Years worth, the Remainder of Thirty Years.

This is Useful. and very Easie.

S A U N D E R, 1692.

The Second Part.

Containing the Eclipses; the Suns Quarterly Ingresses, the Southing of the seven Stars for every 5th. day of this Year. With Rules and Tables for the measuring of Board, Glas, Pavements, or other Superficial measure; as also to Measure Timber; And many other things worth Observation.

The Characters of the Twelve Signs.

♈ Aries, ♉ Taurus, ♊ Gemini, ♋ Cancer, ♌ Leo, ♍ Virgo, ♎ Libra, ♏ Scorpio, ♐ Sagittary, ♑ Capricorn, ♒ Aquarius, ♓ Pisces.

The Characters of the Planets, with the Dragons Head and Tail.
♄ Saturn, ♃ Jupiter, ♂ Mars, ☉ Sol, ♀ Venus, ☿ Mercury, ☾ Moon, ♁ Dragons Head, ☿ Dragons Tail.

The Aspects.

☿ Conjunction, * Sextile, □ Quartile, △ Trine, ♂ Opposition.

A Brief Chronology of Memorable things, to this Year, 1692.

Since	The Creation of the World	5640
	Noahs Flood	3985
	The destruction of Sodom and Gomorrah	3594
	The destruction of Troy	2874
	Brute entred this Island	2799
	The Building of London	2799
	The Building of York	2681
	The Building of Leicester	2635
		Sines

INDEX DECEMBER. 1692.

The Building of Canterbury	2584
The building of Stamford	2555
The building of Rome	2444
The destruction of Jerusalem by T. Ves.	1605
England first received the Christian Faith	1512
The Tower of London built	1127
Duke William Conquered England	626
Westminster-Hall was built	593
The Bible divided into Chapters	497
The Invention of Guns	314
The Art of Printing	252
St. Pauls Steeple fired by Lightening	131
New Star in Cassiopeia	119
A great Snow fell Feb. 4.	114
Tilbury Camp on St. James's day	104
A Plague in London, whereof dyed 30598	88
Gunpowder Treason, November 5.	87
A great Snow, and Smithfield paved	77
A great Plague in London, whereof dyed 35418	67
The Long Parliament began, Nov. 3.	52
King Charles the First was Murdered	44
Two Comets appeared in December and March	28
The doleful Plague that followed them	27
London was burnt. September 2. 3, 4, 5.	26
The last great Snow	18
The wonderful Comet in December	12
A Comet in August	10
The terrible Fire in Wapping, November 19.	10
A great Earthquake, October the 6th.	9
The last great Frost	8
The Rebellion in the West	7
The seven Bishops sent to the Tower, June	4
The Prince of Orange Landed, November 5.	4
King William went to Ireland with an Army, June	2

Of the Eclipses this Year.

There will be in this Year of 1692, five Eclipses which will appear to the Inhabitants of this Terraqueous Planet: viz. Three of the Sun, and two of the Moon: There will be but only a part of one of them seen by us in England: They happen in the following order.

The

S A U N D E R. 1692.

The first will be an Eclipse of the Moon upon the 23th day of *January*, about 2 in the Afternoon, and therefore invisible to us; but may be seen to the most Eastern parts of *Asia*: Also about *Japan*, *California*, to great part of *America*, and to our *Antipodes*; it will not be Total, but will be near eleven Digits Eclipsed.

The second Eclipse is of the Sun, the 7th day of *February*, about 3 of the clock in the morning; it cannot therefore be seen by us, but may be seen in *Russia*, in *Muscovia*, *Tartaria*, also in *Persia*, and about the *Caspian Sea*, it will appear a great Eclipse.

The third Eclipse is of the Moon upon the 18th day of *July*, about 3 of the clock in the morning: It is a great Eclipse, and may most of it be seen in *England*, if the Air be clear: Here followeth the Calculation.

* *July the 18th, at 3 of the clock, 10 min. 37 sec. in the morning.*

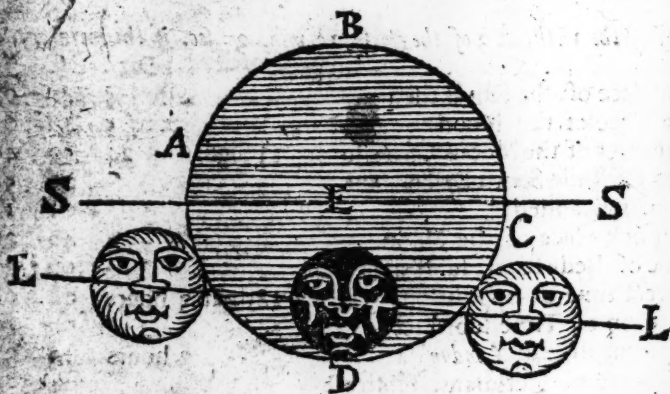
	Deg.	'	"
The place of the Sun is then	♌	5	42 09
The place of the Moon	♊	5	42 09
Argument of the Moons Latitude	11 Signs	24	50 48
True Latitude South Descendant			26 54
Reduction added			01 15
Ecliptick place of the Moon	♊	5	43 20
Time of Reduction, substract			02 37
Correct time of opposition, <i>July the 18th at 3 hours</i>			08 00
Equation of Time substract			07 30
Apparent time at <i>London</i> , at	3 hours		00 30
Difference of Meridians, substract			04 00
Apparent time at <i>Leicester</i> , at	2 hours		55 30
Semidiameter of the Moon			19 36
Semidiameter of the Earths shadow			42 51
The sum of the semi-diameters			58 27
Moons Latitude, substract			26 58
Rests parts deficient			31 33
Digits Eclipsed are	12 digits		08 46
Minutes of incidence and half tarriance			51 54
Time of incidence and half tarriance in the shad. 1 ho.			48 42
Minutes of half tarriance in the shadow			04 21
Time of half continuance in the shadow			09 07

1692.

Continuance of total darkness		18	14
Total duration of the Eclipse	3 hours	37	26
Interval of the oppos. and greatest obscuration		04	54
Beginning of the Eclipse at	1 hour	12	48
Beginning of total darkness at	.2	52	17
Middle of the Eclipse at	3	01	24
The end of total darkness at	3	10	31
The full end of the Eclipse at	4	50	00
Moons Latitude at the beginning, South desc.		31	47
Moons Latitude at the end, South desc.		22	01

The end of the Eclipse will not be seen, by reason that the Moon sets almost 40 minutes before it.

A Type of the Eclipse.



In this Figure, the great Circle A, B, C, D, representeth the shadow of the Earth which Eclipseth the Moon; E, is the Center thereof, the Line S, S, the Ecliptick, which the center of the shadow alwayes observeth; the Line L, L, the way of the Moon in her Orb: The utmost Moon to the right-hand sheweth the Moons place at the beginning of the Eclipse; the middlemost, or that within the shadow sheweth the Moons place at the middle of the Eclipse, and the utmost to the Left-hand sheweth the Moons place at the end of the Eclipse, where when the Moon cometh, by leaving the shadow she recovereth her full Light.

The

S A U N D E R, 1692.

The fourth Eclipse is of the Sun, the 2d. day of *August*, about half an hour after 9 of the Clock in the morning; but is not to be seen in *England*, nor to any part of *Europe*; whatever any pretenders to Astronomy may say of it. The Author of the late Twenty Years Ephemerides, says, *That it may be seen with us, if observed with good Glasses for that purpose.* He would do well to acquaint the World where these Glasses may be had; for certainly, such Glasses would be of most excellent use in other Discoveries. And here I cannot but take notice, what Repute Astronomy is like to gain by the Scriblers of these times; when (of the Eclipse that happened in *August* last) of Thirty Almanacks, above half of them positively say, *That it might be seen here in England*; that three fourths of the Suns body would be darkened; and of the rest, One says it will rarely be seen, another scarcely, another scarce any part, and another, I believe not: And 'tis strange if some of them do not pretend to tell the Destinies of Kings, Nations or Governments; whilst (in the mean time) they either spake so far from the purpose, or else know not what to say of these ordinary and natural *Phaenomena*: They would do well, till they know better; to cast in the *Proviso*, used by the *Babylonians* of old, (as *Diodorus* witnesseth) who were ambitious enough to be reputed Interpreters of the Will of the Gods to the People, and to be thought knowing in things to come; unwilling to be thought able to predict nothing, and as unwilling to be found erring in their chief predictions, when they had said, that at such times there will be Eclipses of the Sun; their *Proviso* was, *If the Gods be not prevailed upon, by Sacrifices and Prayers, to avert them.* But of this Eclipse, though it appear not to us, yet it will appear a great Eclipse to some part of the World: *Viz.* About the *Cape of Good Hope*, and South-West from thence; *viz.* To our *Antact*, &c.

The fifth and last Eclipse is of the Sun, *December* the 27th, about 2 of the Clock in the Afternoon: It is but a small Eclipse, and will not be seen to us, nor to any part of the World near us; but in very remote part; *viz.* About the *Antarick Circle*, and near the *South Pole*, may be observed. Thus much of Eclipses.

Of the Four Quarters of the Year, and first of the Spring.

THE Spring Quarter begins, when the Sun entering the first point of *Aries*, maketh equal day and night, which this Year happens upon the 9th day of *March*, at 1 hour, 14 min. 57 sec. Afternoon, in the Meridian of *London*; according to *Astronomia Anglicana*. Now as days and nights are of equal length, so is there an equality in the temper of the Air; whereby the Pores of the Earth are relaxed, and a vivifying fume evaporating, ascendeth by the cold and chillified Roots of Herbs and Plants, and produceth their vegetable Life. This Quarter generally is hot and moist, if it prove otherwise, it bringeth diseases, and dangerous distempers. Such persons as are naturally Melancholly do enjoy their Healths the best this Quarter; the Sanguine the contrary; Such diseases as proceed from excess and putrefaction of blood are most dangerous, but such as have their Original from Melancholly are less hurtful. In *March* be not too busie in purging or bleeding, but rather bathe and use such meats or medicines as purge and sweeten the blood. In *April* you may freely bleed, bathe, or purge if there be occasion, but now drink moderately, and forbear salt meats. In *May* you may purge gently the blood or body, or open a vein; to drink clarified Whey is good, but forbear Wine, and such meats as are of a hot quality.

Of Summer.

Summer Quarter begins the 10th. day of *June*, at 3 hours, 57 minutes, 32 seconds, Afternoon, the Sun appearing at the Tropick of Cancer, maketh the longest day and shortest night to all on this side the Equator. This Quarter naturally is hot and dry; Persons of Phlegmatick constitutionis are now best in health, the cholerick the contrary, antient people do now revive, but young people languish through excess of blood, and are thereby exposed to Feavers, especially the Tertian: In the month of *June* abstain from such meats as ingender *h* v, and moist humours. It is now excellent good to rise early, and to exercise the body with moderate walking. In *July* beware of bleeding or purging, unless there be great necessity; beware of eating such meats as ingender melancholly, and of taking cold: In this and the next month refrain immoderate exercise

S A U N D E R. 1692.

excess and ventry, and drink not much Wine, for now it dries the Stomach and Liver, and doth too much increase Choler.

Of Autumn.

WHich this year begins the 12th. day of September, 2 min. 25 seconds after 7 of the Clock in the morning, the Earth then entering Aries, or the Sun Libra, again making equal day and night. This Quarter naturally is cold and dry, resembling melancholy; youth is now lively; persons of moist and phlegmatick constitutions are now best in health, the melancholy the contrary. In September eat moderately of all such meats and fruits as your stomach desires, for they are now in their vigour and perfection; in this month or the next you may bleed or purge, if there be occasion, but in November melancholily increaseth, and blood decreaseth; bathing now is not good; salt, or powdered meats may now be eaten without any prejudice, roasted meats and wild Fowl are now held to be very wholesome; in this Quarter beware of taking cold.

Of Winter.

Winter Quarter begins the 10th. day of December, at 7 h. 15 min. 48 seconds after Noon, the Sun appearing then at the entrance into Capricorn, maketh the shortest day, and longest night. This Quarter naturally is cold and moist; young and cholerick people are now best in health, but aged and phlegmatick the contrary. In December melancholy and phlegm do much increase, and it therefore behoves all persons that prize their healths, to keep themselves well from cold, and to eat such meats as be of a hot quality. 'Tis not now good to bleed or purge unless there be great occasion; to drink Wine now and then, and to use good Spices in your Diet is very good, the same observe in January. In February all meats of a moist nature are accounted hurtful, you may take pills to purge the Head, also bathe or take potions, and bleed now if there be occasion.

To find the Rising, Southing and setting of several fixed Stars hereafter mentioned.

IN the Tables following you have first the seven Stars South-
ing for every fifth day; in the second Table is set the difference in Southing of these Stars (therein named,) and the seven Stars, which being added to the time of the seven Stars Southing

SENDER S, 1692.

giveth theirs. In the same Table is also set their semidiurnal Arches thereby to find the rising and setting of the said Stars. Suppose it is required to know what time the great Dog-star called *Syrus* will be South the 11th. of *February*? I then find the Seven Stars South at 5 ho. 10 min. to which I add 3 ho. 2 min. the difference annexed to the great Dog-Star, and it makes 8 ho. 12 min. being the time of its Southing the said 11th. of *February*. If to the Southing you add the Semidiurnal Arch 4 ho. 31 min. it gives the time of its setting at 12 ho. 43 min. but if you substract the Semi-diurnal Arch from the Southing it leaveth the time of its Rising. The like may be done by any other of the said Stars.

For the better distinction of the several sizes of Stars they are divided into six several magnitudes, The biggest and brightest Stars are called Stars of the first Magnitude. Those one size inferior in light, and bigness are called Stars of the second Magnitude, &c. Now for the better knowing the Stars hereafter mentioned, Note, that the great Dog-star, Lions Heart, Virgins Spike, and the bright star of *Lyra*, are accounted stars of the first magnitude, so are also *Aldebaran* and *Arcturus*, but they are Red stars, much of the colour of *Mars*, all the rest in the Table are of the second magnitude, except the Northern and Southern *Aff*, which are small Stars being of the fourth magnitude.

A Table shewing the Hour and minute of the Seven Stars coming to South, every 5th day of this year, 1691.

Moneths	Dayes of the Moneth.											
	I		6		11		16		21		26	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
January	7	A 57	7	A 36	7	A 14	6	A 53	6	A 32	6	A 12
February	5	A 49	5	29	5	10	4	51	4	32	4	14
March	4	A 03	4	13	3	23	3	4	2	46	2	28
April	2	A 71	4	8	1	30	1	11	0	52	0	32
May	0	A 14	11	M 54	11	M 34	11	M 14	10	M 53	10	M 33
June	10	M 8	9	47	9	26	9	6	8	45	8	25
July	8	11	5	45	7	24	7	4	6	45	6	24
August	6	M 3	5	45	5	26	5	8	4	49	4	31
September	4	M 10	3	52	3	34	3	17	3	02	3	41
October	2	M 22	2	31	4	44	1	25	1	50	2	46
November	0	M 21	0	2	11	A 39	11	A 16	10	A 54	10	32
December	10	A 11	9	A 45	9	26	9	4	8	41	8	20

SAUNDER, 1692.

A Table shewing the difference in hours and minutes between the coming to south of several fixed stars, and the seven stars, as also their semi-diurnal Arches thereby to find their rising and setting.

Names of the Stars.	Diff. south.		semid. Arches		Names of the Stars.	Diff. south.		semid. Arches	
	h.	m.	h.	m.		h.	m.	h.	m.
Aldebaran B. eye	0	49	7	28	Lions heart, Basil.	6	23	7	13
2d. in Orions Girdle	1	51	5	54	Virgins Spike	9	40	5	9
Gr. Dog. Sirius	3	24	3	1	Arcturus	10	32	8	0
Castor 1st. head II	3	46	9	47	South ballance	11	54	4	40
Lit. Dog. Procyon	3	54	6	32	North ballance	11	31	5	16
Pollux, 2d. head II	3	57	9	4	Northern Crown	11	52	8	55
Northern Ass.	4	56	8	12	bright * Lyræ	14	57	sets not	
Southern Ass.	4	58	7	45	bright * Vulturis	16	66	43	

Here followeth some few Rules, and Tables, for the mensuration of Superficies and Solids.

FOR the Mensuration of superficial or flat measures, such as Board, Glas, Pavement, Hangings, &c. it will be necessary to know how to measure any plain superficial figure, as the Square, Long-square, or Parellelogram, Triangle, Circle, parts of the Circle, &c. examples of all which do here follow.

I. How to measure a Square.

Let there be a square floor, or pavement, the sides whereof are each of them 5 feet 6 inches, and 'tis required to know how many square, or superficial feet are contained therein. First (a good plain way to avoid Fractions will be to) Reduce the whole side into inches, 5 feet, 6 inches, being 66 inches, multiply 66 by 66, and the Product will be 4356, the superficial content in inches; then divide 4356 by 144 (the square inches in one foot) and the quotient will be 30 feet, and 36 inches remaining, which is the number of inches in one quarter of a foot; so that in such a square is contained 30 feet and one quarter. See the Margin.

$$\begin{array}{r}
 66 \\
 \times 66 \\
 \hline
 396 \\
 396 \\
 \hline
 4356 \\
 4356 \\
 144 \\
 \hline
 1432 \\
 36 \\
 \hline
 \end{array}
 \quad (30)$$

II. To

SAUNDERS, 1692.

II. To measure the Long-square or Parallelogram.

Suppose there be a Pavement whose length is 72 feet, and breadth 12 feet, how many feet is contained therein.

Multiply 72 in length, by 12 the breadth, and the product will be 864, and so many superficial feet are contained in that Pavement.

72
12
144
72
864

III. To Measure a Long Superficies, which is broader at one end than at the other.

Let there be a superficies whose length is 72 inches, the breadth of the greater end 50 inches, and the breadth of the lesser end 34 inches, and let it be required to know how many feet are contained therein. First, add the breadths of both the ends together, which maketh 84, take half thereof, which is 42, which being multiplyed by 72 the length, the product will be 3024 the content in inches, which being divided by 144 (the inches in one foot) the Quotient will be 21 feet, and nothing remaining, so that there is exactly 21 feet in such a superficies.

72
42
144
288
3024
144
288 (21)
144

IV. How to Measure Triangles.

All Right lined Triangles are measured by this general Rule.

Multiply half the length of the Base by the whole Perpendicular. Or, the whole length of the Base by half of the Perpendicular. Suppose the Base of a Triangle be 44, and the Perpendicular 26, what is the Content.

Multiply 44 (the Base) by 13, (half the Perpendicular) the Product will be 572 : Or 22 (half the Base) being multiplyed by 26, (the whole perpendicular) the Product will be 572, as before, which is the Content of such a Triangle.

V. All Trapezias, or figures with four unequal sides; also Multangular, or many sided Irregular figures, must be divided into Triangles, and those Triangles measured as before is taught and their sums added together will give the Content of such irregular figures. And note, that the least number of Triangles, into which any plot or irregular figure may be reduced, will be less by two than the number of the sides of such irregular figures.

VI. How to Measure Circles, and parts of Circles.

The Diameter of every Circle hath such proportion to the circumference of the same Circle as 7 hath to 22. Therefore

SAUNDER. 1692.

the Diameter being given to find the circumference, you must multiply the Diameter by 22, and the product being divided by 7, the Quotient will be the Circumference. Thus, suppose the Diameter of a Circle be 14, multiply 14 by 22, the product will be 308, which being divided by 7, the Quotient is 44, being the circumference of that Circle whose Diameter is 14.

Having the Circumference to find the Diameter.

Multiply the circumference given by 7, the product divide by 22, and the Quotient will be the Diameter. Let the circumference of a circle be 60, multiply 60 by 7 the product will be 420, which being divided by 22, the Quotient will be 19, and $\frac{2}{3}$ or $\frac{1}{1}$ which is the Diameter.

To find the Area or Superficial content of a Circle. Multiply half the circumference by half the Diameter, the product is the content of the Circle: Thus, Let the circumference be 60, the half whereof is 30, and the Diameter 19 $\frac{2}{3}$ the half whereof is 9 $\frac{1}{3}$, by which multiplying 30, the product will be 286 $\frac{4}{11}$ which is the superficial content of such a Circle; or,

By the Diameter to find the Area of the circle. First, square the Diameter, multiply the square by 11, and divide the product by 14, the Quotient is the superficial content of the circle.

Let the Diameter be as above 19 $\frac{1}{11}$ the square whereof is 364 $\frac{6}{11}$, this multiplied by 11 produceth 4009 $\frac{1}{11}$ which being divided by 14 the Quotient is 286 $\frac{4}{11}$ as above, being the superficial content of such a circle.

To measure the superficial content of half the circle, the quarter of a circle, or of any other section of a circle, more or less, having the semidiameter given.

Multiply half of the compass thereof by the semidiameter of the circle, so shall you have the content.

Of the Mensuration of Solids.

AS Plain or Superficial Measure consisteth of two dimensions namely, length and breadth; so Solid measures consisteth of three dimensions, namely, length, breadth and thickness.

To measure any kind of Timber, either Square, Triangular, Round, or of any other Fashion, provided it be straight and equal all along.

Cast up the superficial Content at the end thereof, by the Rules before going, for the finding the Content of the Square, Triangle, Circle, &c. which Superficial Content being multiplied

SAUNDER, 1692.

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	72
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	144
	72
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	864

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Multiply half of the compass thereof by the semidiameter of the circle, so shall you have the content.

Of the Mensuration of Solids.

AS Plain or Superficial Measure consisteth of two dimensions namely, length and breadth; so Solid measures consisteth of three dimensions, namely, length, breadth and thickness.

To measure any kind of Timber, either Square, Triangular, Round, or of any other Fashion, provided it be straight and equal all along.

Cast up the superficial Content at the end thereof, by the Rules before going, for the finding the Content of the Square, Triangle, Circle, &c. which Superficial Content being multiplied

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measured by the length of the Piece, will give you the Solid Content thereof. *Example.* Let there be a piece of Timber, (or other solid matter) whose breadth is 18 inches, its depth 13 inches, and length 142 inches, to find how many solid feet are contained therelsf. First, multiply the breadth 18 by the depth 13, the product is 234, being the superficial inches at the end of the piece. Secondly, multiply this 234 by 142 the length of the piece, and the product will be 33228, the solid Content in inches. Thirdly, divide 33228 by 1728, (being the number of cubical inches in one solid foot) and the quotient will be 19, and 396 inches remaining, which is 19 solid feet, and almost one quarter of a foot, and so much is the solid content of such a piece.

A 2d Example of a round piece. Let there be a round piece of Timber whose compass is 60 inches, and the length 20 feet, (or 240 inches) and let it be required to find the solid content thereof. First, by the help of the circumference 60, find the Diameter (as before is taught) by multiplying 60 by 7, and dividing the product thereof by 22, so shall you find the Diameter to be $19\frac{1}{11}$: Then by either of the ways before taught, viz. by multiplying $\frac{1}{2}$ the circumference by $\frac{1}{2}$ the Diameter; or by (squaring, or) multiplying the Diameter in it self, and multiplying that square by $\frac{1}{11}$, and dividing the product by 14, the superficial content of the end of such a piece will be found to be $286\frac{4}{11}$ inches. Now multiply this $286\frac{4}{11}$ by the length of the piece 240, and the product will be 68727 $\frac{3}{11}$ the content in inches, which being divided by 1728, the quotient will be 39 feet and $\frac{3}{4}$ of a foot, and 39 $\frac{3}{4}$ inch remaining, which is the solid content of such a piece of Timber. But had this piece of Timber been measured by that egregiously false way of taking $\frac{1}{4}$ part of the Girt for the side of the square equal, it would have been found to be but 31 feet and $\frac{1}{4}$ of a foot, which is above $\frac{1}{4}$ part less than the truth, it being 39 feet, & above $\frac{1}{4}$

In behalf of that erroneous way many do plead, that in round Timber there is great loss in chipping to bring it near a square, therefore that way may be allowed; but this is very unequal: in great Timber there being little loss, in small Timber much, for therefore the quality be considered, rather than make such unequal amends by a false quantity.

Of the Mensuration of Tapering Timber, either round or squared, such as Frustrums of Cones and Pyramids.

First find the superficial Area of each end of the piece, and multiply the one Area by the other. Secondly, out of the

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the product of the two Areas, extract the Square Root. Thirdly, add this Root and the two Areas all into one sum. Lastly, multiply this sum by one third part of the length of the piece, and that product shall give you the Content.

Let there be a piece of Timber whose Circumference at the greater end is 66 inches, at the lesser end 44 inches, and the length 26 feet, and it is required to find how many solid feet are contained therein. First, the Area of the Circle at the greater end (by multiplying half the Circumference 33 by half the Diameter $10\frac{1}{2}$) will be found to be 346 $\frac{1}{2}$, and the Area of the Circle at the lesser end will be 154 : These multiplied together do produce 53361. Secondly, out of this product extract the Square Root, which is 231, (for 231 being multiplied in it self produceth 53361). Thirdly, add the two Areas, and the Square Root 231 together, and the sum of them will be 731 $\frac{1}{2}$. Lastly, multiply 731 $\frac{1}{2}$ by 80 inches, (one third part of the length) and the product will be 58520, being the solid inches contained therein, which inches being divided by 1728, the Quotient will be 33 feet, and 1496 inches remaining, which is 3 quarters of a foot, and almost half a quarter.

To find the Content of Tapering Timber, other wayes than is taught above.

These pieces being parts of Cones or Pyramids, their Contents may be found by seeking the Content of the whole Cone or Pyramid, (of which they are part) and the Content of that part which is wanting, for that part being subtracted from the whole, the remainder must be the Content of the part required.

Now the way to find the content of a Cone or Pyramid is, to multiply the superficial Content of the Case by one third part of the length; and to find the length of the top part of a Cone or Pyramid which is wanting; say thus, as the difference of the sides, or Diameters of the two ends, to the length between them; so is the side, or Diameter of the greater end, to the whole length. *Example*, of the piece before mentioned, whose greater end is 66 inches about, and the lesser end 44, hence the Diameter of the greater end will be 21, and the Diameter of the lesser end will be 14, and their difference is 7, therefore say, if 7 give 26 feet what will 21 give; Answer. 60 feet, being the whole length of the Cone; now the superficial

content

... (3.45 inches) multiplied by 240 ... the length of the whole Cone) produceth ... the whole Cone. and the superficial content of the top (or wanting) part ... which is the base, of the top (or wanting) part ... which is 154 ... being multiplied by 160, (one third part of the length of the top (or wanting) part) produceth 24640 inches, the content of the wanting part, which being subtracted from 83160, (the content of the whole Cone) the remainder is 58520 inches, the content of the part required, being the same as before.

Here followeth Tables ready calculated, for the Measuring of Squared or Round Timber, which is supposed to be equal all along : Their use is thus, seek the side of the Squared, or compass of the Round Timber, in the first, third or fifth columns of the Tables, and against it, in the next column you have the length of a solid foot. Thus, the side of a squared piece of Timber being 20 inches, the length of a solid foot will be 4 inches, and 3 tenth parts of an inch : And the compass of a round piece, being 80 inches the length of a solid foot will be found to be 3 inches, and 39 hundredth parts of an Inch.

A Table, shewing how much in length will make a Solid foot, of any Square Stone or Timber : The side of the Square being given in inches, from one inch to 36 inches square.

Side of the Square.	Length of a solid foot.	Side of the Square.	Length of a solid foot.	Side of the Square.	Length of a solid foot.
Inch.	ft. inc. 10ths	Inch.	ft. inc. 10ths	Inch.	ft. inc. 10ths
1	144 0 0	13	10 2	25	2 8
2	36 0 0	14	8 8	26	2 6
3	16 0 0	15	7 6	27	2 3
4	9 0 0	16	6 7	28	2 2
5	5 9 2	17	5 9	29	2 1
6	4 0 0	18	5 3	30	1 9
7	2 11 2	19	4 8	31	1 8
8	2 3 0	20	4 3	32	1 7
9	1 9 3	21	3 9	33	1 6
10	1 5 3	22	3 5	34	1 5
11	1 2 3	23	3 3	35	1 4
12	1 0 0	24	3 0	36	1 2

SAUNDER. 1602.

A Table shewing how many inches in length will make a foot solid, of any round piece of Timber or Stone, the Girt being known, from 12 inches compas to 100.

Com. len. of a foot			Com. len. of a foot			Com. len. of a foot		
Inch.	Inch.	100 p.	Inch.	Inch.	100 p.	Inch.	Inch.	100 p.
11	178	46	41	12	92	71	4	31
12	150	80	42	12	31	72	4	20
13	128	49	43	11	74	73	4	08
14	110	79	44	11	31	74	3	97
15	94	31	45	10	72	75	3	86
16	84	82	46	10	26	76	3	76
17	75	14	47	9	83	77	3	66
18	67	02	48	9	42	78	3	57
19	60	15	49	9	04	79	3	48
20	54	29	50	8	69	80	3	39
21	49	23	51	8	35	81	3	31
22	44	86	52	8	03	82	3	23
23	40	90	53	7	73	83	3	15
24	37	69	54	7	42	84	3	08
25	34	74	55	7	18	85	3	01
26	32	12	56	6	92	86	2	94
27	29	79	57	6	68	87	2	87
28	27	70	58	6	45	88	2	80
29	25	82	59	6	24	89	2	74
30	24	13	60	6	03	90	2	68
31	22	60	61	5	84	91	2	62
32	21	21	62	5	65	92	2	57
33	19	92	63	5	47	93	2	51
34	18	78	64	5	30	94	2	46
35	17	74	65	5	14	95	2	41
36	16	76	66	4	98	96	2	36
37	15	85	67	4	84	97	2	31
38	15	04	68	4	70	98	2	26
39	14	28	69	4	56	99	2	22
40	13	57	70	4	43	100	2	17

Advertisements.

That most noble and incomparable Medicine, known by the name of *Clarks Compound Spirit of Scurvy-Grass*, both *Golden and Plain*; and are of themselves so excellent and infallible a Remedy against the *Scurvy, Dropfie*, and all cold Distempers of the *Stomach*; are rightly prepared by the said *Henry Clark*, and sold at his House at the Sign of the *Lamb* near *Somerset-House* in the *Strand*; and all the chief *Towns* in the *Three Kingdoms*, and most part of the *Habitable World*. Price One Shilling the Bottle.

IF any Gentleman or other Person would have his Land surveyed, or any Building or Edifice measured, either for Bricklayers, Carpenters, Masons, Plasterers, &c. The Author of this Almanack will perform the same, either for Master or Workmen: And if any Person would have about his House or Garden any *Sun-Dyals*; either *Direct*, *Declining*, *Inclining*, *Reclining*, *Concave*, *Convey* or *Reflective*. He will make or prepare for them such as they shall desire.

From *Ouston* in the County of
Leicester. Sept. 2. 1691.

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